

Nunavut Curriculum Connections

As a culminating activity, *Create Your Own Museum* will forge its own connections to whichever subjects and topics you choose to have your students explore within their museums. In addition, you can also use the world to addresses the following:

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Grade 4:

Art

10.3 Media and Techniques

Students will use media and techniques, with an emphasis on mixing media and perfecting techniques in drawing, painting, print making, sculpture, fabric arts, photography and technographic arts

F. Photography and Technographic arts

- Take advantage of the visual art implications of any available technological device, and explore the potential of emerging technologies.
- Employ technological media techniques, practices and capabilities to promote art understanding and create designs and compositions

Information and Communication Technology

Category: Communicating, Inquiring, Decision Making, and Problem Solving

C1: Students will access, use, and communicate information from a variety of technologies.

- 2.1 access and retrieve appropriate information from the Internet by using a specific search path or from given uniform resource locations (URLs)
- 2.2 organize information gathered from the Internet, or an electronic source, by selecting and recording the data in logical files or categories; and by communicating effectively, through appropriate forms, such as speeches, reports and multimedia presentations, applying information technologies that serve particular audiences and purposes

C2: Students will seek alternative viewpoints, using information technologies

- 2.1 seek responses to inquiries from various authorities through electronic media

C3: Students will critically assess information accessed through the use of a variety of technologies

- 2.1 identify and distinguish points of view expressed in electronic sources on a particular topic
- 2.2 recognize that information serves different purposes and that data from electronic sources may need to be verified to determine accuracy or relevance for the purpose used

C4: Students will use organizational processes and tools to manage inquiry

- 2.1 design and follow a plan, including a schedule, to be used during an inquiry process, and make revisions to the plan, as necessary
- 2.2 organize information, using such tools as a database, spreadsheet or electronic webbing
- 2.3 reflect on and describe the processes involved in completing a project

C5: Students will use technology to aid collaboration during inquiry

- 2.1 retrieve data from available storage devices, such as a shared folder, to which a group has contributed Students will use technology to aid collaboration during inquiry.
- 2.2 record group brainstorming, planning and sharing of ideas by using technology
- 2.3 extend the scope of a project beyond classroom collaboration by using communication technologies, such as the telephone and email

C6: Students will use technology to investigate and/or solve problems

- 2.1 select and use technology to assist in problem solving
- 2.2 use data gathered from a variety of electronic sources to address identified problems

- 2.3 use graphic organizers, such as mind mapping/webbing, flow charting and outlining, to present connections between ideas and information in a problem-solving environment
- 2.4 solve problems, using numerical operations and such tools as calculators and spreadsheets
- 2.5 solve problems requiring the sorting, organizing, classifying and extending of data, using such tools as calculators, spreadsheets, databases or hypertext technology
- 2.6 solve issue-related problems, using such communication tools as a word processor or email to involve others in the process
- 2.7 generate alternative solutions to problems by using technology to facilitate the process

C7: Students will use electronic research techniques to construct personal knowledge and meaning.

- 2.1 use a variety of technologies to organize and synthesize researched information
- 2.2 use selected presentation tools to demonstrate connections among various pieces of information

Category: Foundational Operations, Knowledge, and Concepts.

F1: Students will demonstrate an understanding of the nature of technology.

- 2.1 apply terminology appropriate to the technologies being used at this division level
- 2.2 identify and apply techniques and tools for communicating, storing, retrieving and selecting information
- 2.3 explain the advantages and limitations of using computers to store, organize, retrieve and select information
- 2.4 recognize the potential for human error when using technology

F2: Students will understand the role of technology as it applies to self, work and society

- 2.1 identify how technological developments influence one's life
- 2.2 identify the role technology plays in a variety of careers

F3: Students will demonstrate a moral and ethical approach to the use of technology

- 2.1 comply with the acceptable use policy of the school and school authority for Internet and networked services, including software licensing agreements
- 2.2 work collaboratively to share limited resources
- 2.3 use appropriate communication language and etiquette
- 2.4 document sources obtained electronically, such as web site addresses
- 2.5 respect the privacy and products of others
- 2.6 use electronic networks in an ethical manner
- 2.7 comply with copyright legislation

F4: Students will become discerning consumers of mass media and electronic information

- 2.1 recognize that graphics, video and sound enhance communication
- 2.2 describe how the use of various texts and graphics can alter perception
- 2.3 discuss how technology can be used to create special effects and/or to manipulate intent through the use of images and sound

F5: Students will practise the concepts of ergonomics and safety when using technology

- 2.1 demonstrate the application of ergonomics to promote personal health and well-being
- 2.2 identify and apply safety procedures required for the technology being used

F6: Students will demonstrate a basic understanding of the operating skills required in a variety of technologies

- 2.1 power up and power down various technologies and peripherals correctly
- 2.2 use and organize files and directories

Category: Processes for Productivity

P1: Students will compose, revise and edit text.

- 2.1 create and revise original text to communicate and demonstrate understanding of forms and techniques
- 2.2 edit and format text to clarify and enhance meaning, using such word processing features as the thesaurus, find/change, text alignment, font size and font style

P3: Students will communicate through multimedia

- 2.1 create a multimedia presentation, incorporating such features as visual images (clip art, video clips), sounds (live recordings, sound clips) and animated images, appropriate to a variety of audiences and purposes
- 2.2 access available databases for images to support communication

P4: Students will integrate various applications

- 2.2 vary font size and font style, and placement of text and graphics, in order to create a certain visual effect

P5: Students will navigate and create hyperlinked resources

- 2.1 create and navigate a multiple-link document
- 2.2 navigate through a document that contains links to locate, copy and then paste data in a new file
- 2.3 navigate the Internet with appropriate software

P6: Students will use communication technology to interact with others

- 2.1 select and use the technology appropriate to a given communication situation

English Language Arts

1.1 Discover and Explore

Express Ideas and Develop Understanding

- ask questions, paraphrase and discuss to explore ideas and understand new concepts
- share personal responses to explore and develop understanding of oral, print and other media texts

Experiment with language and forms

- discuss and compare the ways similar topics are developed in different forms of oral, print and other media texts

Express preferences

- select preferred forms from a variety of oral, print and other media texts

Set goals

- identify areas of personal accomplishment and areas for enhancement in language learning and use

1.2 Clarify and Extend

Consider the ideas of others

- identify other perspectives by exploring a variety of ideas, opinions, responses and oral, print and other media texts

Combine ideas

- use talk, notes, personal writing and representing to record and reflect on ideas, information and experiences

Extend Understanding

- explore ways to find additional ideas and information to extend understanding

General Outcome 1

Students will listen, speak, read, write, view and represent to explore thoughts, ideas, feelings and experiences.

2.4 Create Original Text

Generate ideas

- use a variety of strategies for generating and organizing ideas and experiences in oral, print and other media texts

Elaborate on the expression of ideas

- select and use visuals that enhance meaning of oral, print and other media texts

Structure texts

- produce oral, print and other media texts that follow a logical sequence, and demonstrate clear relationships between character and plot
- produce narratives that describe experiences and reflect personal responses

General Outcome 2

Students will listen, speak, read, write, view and represent to comprehend and respond personally and critically to oral, print and other media texts.

3.1 Plan and Focus

Focus attention

- use organizational patterns of expository texts to understand ideas and information
- focus topics appropriately for particular audiences

Determine information needs

- ask relevant questions, and respond to questions related to particular topics

Plan to gather information

- develop and follow a class plan for accessing and gathering ideas and information

3.2 Select and Process

Use a variety of sources

- locate information to answer research questions, using a variety of sources, such as maps, atlases, charts, dictionaries, school libraries, video programs, elders in the community and field trips

Access information

- use a variety of tools, such as indices, legends, charts, glossaries, typographical features and dictionary guide words, to access information
- identify information sources that inform, persuade or entertain, and use such sources appropriately

Evaluate sources

- recall important points, and make and revise predictions regarding upcoming information

3.3 Organize, Record, and Evaluate

Organize information

- organize ideas and information, using appropriate categories, chronological order, cause and effect, or posing and answering questions
- record ideas and information that are on topic
- organize oral, print and other media texts into sections that relate to and develop the topic

Record Information

- make notes of key words, phrases and images by subtopics; cite titles and authors of sources alphabetically
- paraphrase information from oral, print and other media sources

Evaluate information

- examine gathered information to identify if more information is required; review new understanding

3.4 Share and Review

Share ideas and information

- communicate ideas and information in a variety of oral, print and other media texts, such as short reports, talks and posters
- select visuals, print and/or other media to add interest and to engage the audience

Review research process

- identify strengths and areas for improvement in research process

General Outcome 3

Students will listen, speak, read, write, view and represent to manage ideas and information.

4.1 Enhance and Improve

Appraise own and others' work

- identify the general impression and main idea communicated by own and peers' oral, print and other media texts
- use pre-established criteria to provide support and feedback to peers on their oral, print and other media texts

Revise and edit

- revise to ensure an understandable progression of ideas and information

Enhance legibility

- use special features of software when composing, formatting and revising texts

Expand knowledge of language

- use an increasing variety of words to express and extend understanding of concepts related to personal interests and topics of study

Enhance artistry

- experiment with combining detail, voice-over, music and dialogue with sequence of events

4.2 Attend to Conventions

Attend to grammar and usage

- identify simple and compound sentence structures, and use in own writing
- identify correct noun–pronoun agreement, and use in own writing

Attend to spelling

- use phonic knowledge and skills and visual memory, systematically, to spell multisyllable words in own writing
- identify and apply common spelling generalizations in own writing
- apply strategies for identifying and learning to spell problem words in own writing

Attend to capitalization and punctuation

- use capitalization to designate organizations and to indicate the beginning of quotations in own writing
- use commas after introductory words in sentences and when citing addresses in own writing
- identify quotation marks in passages of dialogue, and use them to assist comprehension

4.3 Present and share

Present information

- present to peers ideas and information on a topic of interest, in a well-organized form

Enhance presentation

- add interest to presentations through the use of props, such as pictures, overheads and artifacts

Use effective oral and visual communication

- adjust volume, tone of voice and gestures appropriately, to suit a variety of social and classroom activities

Demonstrate attentive listening and viewing

- give constructive feedback, ask relevant questions, and express related opinions in response to oral and visual presentations

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

5.2 Work within a Group

Cooperate with others

- take responsibility for collaborating with others to achieve group goals
- ask for and provide information and assistance, as appropriate, for completing individual and group tasks

Work in Groups

- share personal knowledge of a topic to develop purposes for research or investigations and possible categories of questions
- use brainstorming, summarizing and reporting to organize and carry out group projects

Evaluate group process

- assess group process, using established criteria, and determine areas for improvement

General Outcome 5

Students will listen, speak, read, write, view and represent to respect, support and collaborate with others.

Grade 5:

Art

10.3 Media and Techniques

Students will use media and techniques, with an emphasis on more indirect complex procedures and effects in drawing, painting, print making, sculpture, fabric arts, photography and technographic arts.

F. Photography and Technographic arts

- Take advantage of the visual art implications of any available technological device and explore the potential of emerging technologies.
- Employ technological media techniques, practices and capabilities to promote art understanding, and create designs and compositions.

Information and Communication Technology

Category: Communicating, Inquiring, Decision Making, and Problem Solving

C1: Students will access, use, and communicate information from a variety of technologies.

- 2.3 access and retrieve appropriate information from the Internet by using a specific search path or from given uniform resource locations (URLs)
- 2.4 organize information gathered from the Internet, or an electronic source, by selecting and recording the data in logical files or categories; and by communicating effectively, through appropriate forms, such as speeches, reports and multimedia presentations, applying information technologies that serve particular audiences and purposes

C2: Students will seek alternative viewpoints, using information technologies

- 2.2 seek responses to inquiries from various authorities through electronic media

C3: Students will critically assess information accessed through the use of a variety of technologies

- 2.3 identify and distinguish points of view expressed in electronic sources on a particular topic
- 2.4 recognize that information serves different purposes and that data from electronic sources may need to be verified to determine accuracy or relevance for the purpose used

C4: Students will use organizational processes and tools to manage inquiry

- 2.4 design and follow a plan, including a schedule, to be used during an inquiry process, and make revisions to the plan, as necessary
- 2.5 organize information, using such tools as a database, spreadsheet or electronic webbing
- 2.6 reflect on and describe the processes involved in completing a project

C5: Students will use technology to aid collaboration during inquiry

- 2.4 retrieve data from available storage devices, such as a shared folder, to which a group has contributed Students will use technology to aid collaboration during inquiry.
- 2.5 record group brainstorming, planning and sharing of ideas by using technology
- 2.6 extend the scope of a project beyond classroom collaboration by using communication technologies, such as the telephone and email

C6: Students will use technology to investigate and/or solve problems

- 2.8 select and use technology to assist in problem solving
- 2.9 use data gathered from a variety of electronic sources to address identified problems
- 2.10 use graphic organizers, such as mind mapping/webbing, flow charting and outlining, to present connections between ideas and information in a problem-solving environment
- 2.11 solve problems, using numerical operations and such tools as calculators and spreadsheets
- 2.12 solve problems requiring the sorting, organizing, classifying and extending of data, using such tools as calculators, spreadsheets, databases or hypertext technology
- 2.13 solve issue-related problems, using such communication tools as a word processor or email to involve others in the process
- 2.14 generate alternative solutions to problems by using technology to facilitate the process

C7: Students will use electronic research techniques to construct personal knowledge and meaning.

- 2.3 use a variety of technologies to organize and synthesize researched information
- 2.4 use selected presentation tools to demonstrate connections among various pieces of information

Category: Foundational Operations, Knowledge, and Concepts.

F1: Students will demonstrate an understanding of the nature of technology.

- 2.5 apply terminology appropriate to the technologies being used at this division level
- 2.6 identify and apply techniques and tools for communicating, storing, retrieving and selecting information
- 2.7 explain the advantages and limitations of using computers to store, organize, retrieve and select information
- 2.8 recognize the potential for human error when using technology

F2: Students will understand the role of technology as it applies to self, work and society

- 2.3 identify how technological developments influence one's life
- 2.4 identify the role technology plays in a variety of careers

F3: Students will demonstrate a moral and ethical approach to the use of technology

- 2.8 comply with the acceptable use policy of the school and school authority for Internet and networked services, including software licensing agreements
- 2.9 work collaboratively to share limited resources
- 2.10 use appropriate communication language and etiquette
- 2.11 document sources obtained electronically, such as web site addresses
- 2.12 respect the privacy and products of others
- 2.13 use electronic networks in an ethical manner
- 2.14 comply with copyright legislation

F4: Students will become discerning consumers of mass media and electronic information

- 2.4 recognize that graphics, video and sound enhance communication
- 2.5 describe how the use of various texts and graphics can alter perception
- 2.6 discuss how technology can be used to create special effects and/or to manipulate intent through the use of images and sound

F5: Students will practise the concepts of ergonomics and safety when using technology

- 2.3 demonstrate the application of ergonomics to promote personal health and well-being
- 2.4 identify and apply safety procedures required for the technology being used

F6: Students will demonstrate a basic understanding of the operating skills required in a variety of technologies

- 2.3 power up and power down various technologies and peripherals correctly
- 2.4 use and organize files and directories

Category: Processes for Productivity

P1: Students will compose, revise and edit text.

- 2.3 create and revise original text to communicate and demonstrate understanding of forms and techniques
- 2.4 edit and format text to clarify and enhance meaning, using such word processing features as the thesaurus, find/change, text alignment, font size and font style

P3: Students will communicate through multimedia

- 2.3 create a multimedia presentation, incorporating such features as visual images (clip art, video clips), sounds (live recordings, sound clips) and animated images, appropriate to a variety of audiences and purposes
- 2.4 access available databases for images to support communication

P4: Students will integrate various applications

- 2.3 vary font size and font style, and placement of text and graphics, in order to create a certain visual effect

P5: Students will navigate and create hyperlinked resources

- 2.4 create and navigate a multiple-link document
- 2.5 navigate through a document that contains links to locate, copy and then paste data in a new file
- 2.6 navigate the Internet with appropriate software

P6: Students will use communication technology to interact with others

- 2.2 select and use the technology appropriate to a given communication situation

English Language Arts

1.1 Discover and Explore

Express Ideas and Develop Understanding

- use appropriate prior knowledge and experiences to make sense of new ideas and information
- read, write, represent and talk to explore personal understandings of new ideas and information

Experiment with language and forms

- select from provided forms of oral, print and other media texts those that best organize ideas and information and develop understanding of topics

Express preferences

- select and explain preferences for particular forms of oral, print and other media texts

Set goals

- reflect on areas of personal accomplishment, and set personal goals to improve language learning and use

1.2 Clarify and Extend

Consider the ideas of others

- seek the viewpoints of others to build on personal responses and understanding

Combine ideas

- use talk, notes, personal writing and representing to explore relationships among own ideas and experiences, those of others and those encountered in oral, print and other media texts

Extend Understanding

- search for further ideas and information from others and from oral, print and other media texts to extend understanding

General Outcome 1

Students will listen, speak, read, write, view and represent to explore thoughts, ideas, feelings and experiences.

2.4 Create Original Text

Generate ideas

- use texts from listening, reading and viewing experiences as models for producing own oral, print and other media texts

Elaborate on the expression of ideas

- experiment with modeled forms of oral, print and other media texts to suit particular audiences and purposes

Structure texts

- use structures encountered in texts to organize and present ideas in own oral, print and other media texts
- use own experience as a starting point and source of information for fictional oral, print and other media texts

General Outcome 2

Students will listen, speak, read, write, view and represent to comprehend and respond personally and critically to oral, print and other media texts.

3.1 Plan and Focus

Focus attention

- summarize important ideas in oral, print and other media texts and express opinions about them
- combine personal knowledge of topics with understanding of audience needs to focus topics for investigation

Determine information needs

- identify categories of information related to particular topics, and ask questions related to each category

Plan to gather information

- develop and follow own plan for gathering and recording ideas and information

3.2 Select and Process

Use a variety of sources

- locate information to answer research questions, using a variety of sources, such as newspapers, encyclopedias, CDROMs, a series by the same writer, scripts, diaries, autobiographies, interviews and oral traditions

Access information

- use a variety of tools, such as chapter headings, glossaries and encyclopedia guide words, to access information
- skim, scan and listen for key words and phrases

Evaluate sources

- determine the usefulness and relevance of information for research purpose and focus, using pre-established criteria

3.3 Organize, Record, and Evaluate

Organize information

- use clear organizational structures, such as chronological order, and cause and effect, to link ideas and information and to assist audience understanding
- organize ideas and information to emphasize key points for the audience
- add, delete or combine ideas to communicate more effectively

Record Information

- record information in own words; cite titles and authors alphabetically, and provide publication dates of sources
- combine ideas and information from several sources
- record ideas and information in relevant categories, according to a research plan

Evaluate information

- connect gathered information to prior knowledge to reach new conclusions

3.4 Share and Review

Share ideas and information

- communicate ideas and information in a variety of oral, print and other media texts, such as illustrated reports, charts, graphic displays and travelogues
- select visuals, print and/or other media to inform and engage the audience

Review research process

- assess personal research skills, using pre-established criteria

General Outcome 3

Students will listen, speak, read, write, view and represent to manage ideas and information.

4.1 Enhance and Improve

Appraise own and others' work

- develop criteria for evaluating the effectiveness of oral, print and other media texts

- use developed criteria to provide feedback to others and to revise own work

Revise and edit

- revise to add and organize details that support and clarify intended meaning
- edit for appropriate use of statements, questions and exclamations

Enhance legibility

- apply word processing skills, and use publishing programs to organize information

Expand knowledge of language

- extend word choice through knowledge of synonyms, antonyms and homonyms and the use of a thesaurus
- distinguish different meanings for the same word, depending on the context in which it is used

Enhance artistry

- experiment with words, phrases, sentences and multimedia effects to enhance meaning and emphasis

4.2 Attend to Conventions

Attend to grammar and usage

- use words and phrases to modify and clarify ideas in own writing
- use connecting words to link ideas in sentences and paragraphs
- identify irregular verbs, and use in own writing
- identify past, present and future verb tenses, and use in sentences

Attend to spelling

- use phonic knowledge and skills, visual memory, the meaning and function of words in context, and spelling generalizations to spell with accuracy in own writing
- study and use the correct spelling of commonly misspelled words in own writing
- know and consistently apply spelling conventions when editing and proofreading own writing

Attend to capitalization and punctuation

- use capital letters, appropriately, in titles, headings and subheadings in own writing
- use quotation marks and separate paragraphs to indicate passages of dialogue in own writing
- recognize various uses of apostrophes, and use them appropriately in own writing

4.3 Present and share

Present information

- organize ideas and information in presentations to maintain a clear focus and engage the audience

Enhance presentation

- use effective openings and closings that attract and sustain reader or audience interest

Use effective oral and visual communication

- adjust volume, tone of voice and gestures to engage the audience; arrange presentation space to focus audience attention

Demonstrate attentive listening and viewing

- show respect for the presenter's opinions by listening politely and providing thoughtful feedback

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

5.2 Work within a Group

Cooperate with others

- accept and take responsibility for fulfilling own role as a group member
- discuss and decide whether to work individually or collaboratively to achieve specific goals

Work in Groups

- formulate questions to guide research or investigations, with attention to specific audiences and purposes
- contribute ideas to help solve problems, and listen and respond constructively

Evaluate group process

- show appreciation for the contributions of others, and offer constructive feedback to group members

General Outcome 5

Students will listen, speak, read, write, view and represent to respect, support and collaborate with others.

Grade 6:

Art

10.3 Media and Techniques

Students will use media and techniques, with an emphasis on more indirect complex procedures and effects in drawing, painting, print making, sculpture, fabric arts, photography and technographic arts.

F. Photography and Technographic arts

- Take advantage of the visual art implications of any available technological device and explore the potential of emerging technologies.
- Employ technological media techniques, practices and capabilities to promote art understanding, and create designs and compositions.

Information and Communication Technology

Category: Communicating, Inquiring, Decision Making, and Problem Solving

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C3: Students will critically assess information accessed through the use of a variety of technologies

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- 2.6 recognize that information serves different purposes and that data from electronic sources may need to be verified to determine accuracy or relevance for the purpose used

C4: Students will use organizational processes and tools to manage inquiry

- 2.7 design and follow a plan, including a schedule, to be used during an inquiry process, and make revisions to the plan, as necessary
- 2.8 organize information, using such tools as a database, spreadsheet or electronic webbing
- 2.9 reflect on and describe the processes involved in completing a project

C5: Students will use technology to aid collaboration during inquiry

- 2.7 retrieve data from available storage devices, such as a shared folder, to which a group has contributed. Students will use technology to aid collaboration during inquiry.
- 2.8 record group brainstorming, planning and sharing of ideas by using technology
- 2.9 extend the scope of a project beyond classroom collaboration by using communication technologies, such as the telephone and email

C6: Students will use technology to investigate and/or solve problems

- 2.15 select and use technology to assist in problem solving
- 2.16 use data gathered from a variety of electronic sources to address identified problems
- 2.17 use graphic organizers, such as mind mapping/webbing, flow charting and outlining, to present connections between ideas and information in a problem-solving environment
- 2.18 solve problems, using numerical operations and such tools as calculators and spreadsheets
- 2.19 solve problems requiring the sorting, organizing, classifying and extending of data, using such tools as calculators, spreadsheets, databases or hypertext technology
- 2.20 solve issue-related problems, using such communication tools as a word processor or email to involve others in the process
- 2.21 generate alternative solutions to problems by using technology to facilitate the process

C7: Students will use electronic research techniques to construct personal knowledge and meaning.

- 2.5 use a variety of technologies to organize and synthesize researched information
- 2.6 use selected presentation tools to demonstrate connections among various pieces of information

Category: Foundational Operations, Knowledge, and Concepts.

F1: Students will demonstrate an understanding of the nature of technology.

- 2.9 apply terminology appropriate to the technologies being used at this division level
- 2.10 identify and apply techniques and tools for communicating, storing, retrieving and selecting information
- 2.11 explain the advantages and limitations of using computers to store, organize, retrieve and select information
- 2.12 recognize the potential for human error when using technology

F2: Students will understand the role of technology as it applies to self, work and society

- 2.5 identify how technological developments influence one's life
- 2.6 identify the role technology plays in a variety of careers

F3: Students will demonstrate a moral and ethical approach to the use of technology

- 2.15 comply with the acceptable use policy of the school and school authority for Internet and networked services, including software licensing agreements
- 2.16 work collaboratively to share limited resources
- 2.17 use appropriate communication language and etiquette
- 2.18 document sources obtained electronically, such as web site addresses
- 2.19 respect the privacy and products of others
- 2.20 use electronic networks in an ethical manner
- 2.21 comply with copyright legislation

F4: Students will become discerning consumers of mass media and electronic information

- 2.7 recognize that graphics, video and sound enhance communication
- 2.8 describe how the use of various texts and graphics can alter perception
- 2.9 discuss how technology can be used to create special effects and/or to manipulate intent through the use of images and sound

F5: Students will practise the concepts of ergonomics and safety when using technology

- 2.5 demonstrate the application of ergonomics to promote personal health and well-being
- 2.6 identify and apply safety procedures required for the technology being used

F6: Students will demonstrate a basic understanding of the operating skills required in a variety of technologies

- 2.5 power up and power down various technologies and peripherals correctly
- 2.6 use and organize files and directories

Category: Processes for Productivity

P1: Students will compose, revise and edit text.

- 2.5 create and revise original text to communicate and demonstrate understanding of forms and techniques
- 2.6 edit and format text to clarify and enhance meaning, using such word processing features as the thesaurus, find/change, text alignment, font size and font style

P3: Students will communicate through multimedia

- 2.5 create a multimedia presentation, incorporating such features as visual images (clip art, video clips), sounds (live recordings, sound clips) and animated images, appropriate to a variety of audiences and purposes
- 2.6 access available databases for images to support communication

P4: Students will integrate various applications

- 2.4 vary font size and font style, and placement of text and graphics, in order to create a certain visual effect

P5: Students will navigate and create hyperlinked resources

- 2.7 create and navigate a multiple-link document
- 2.8 navigate through a document that contains links to locate, copy and then paste data in a new file
- 2.9 navigate the Internet with appropriate software

P6: Students will use communication technology to interact with others

- 2.3 select and use the technology appropriate to a given communication situation

English Language Arts

1.1 Discover and Explore

Express Ideas and Develop Understanding

- use prior experiences with oral, print and other media texts to choose new texts that meet learning needs and interests
- read, write, represent and talk to explore and explain connections between prior knowledge and new information in oral, print and other media texts
- engage in exploratory communication to share personal responses and develop own interpretations

Experiment with language and forms

- experiment with a variety of forms of oral, print and other media texts to discover those best suited for exploring, organizing and sharing ideas, information and experiences

Express preferences

- assess a variety of oral, print and other media texts, and discuss preferences for particular forms

Set goals

- assess personal language use, and revise personal goals to enhance language learning and use

1.2 Clarify and Extend

Consider the ideas of others

- select from the ideas and observations of others to expand personal understanding

Combine ideas

- use talk, notes, personal writing and representing, together with texts and the ideas of others, to clarify and shape understanding

Extend Understanding

- evaluate the usefulness of new ideas, techniques and texts in terms of present understanding

General Outcome 1

Students will listen, speak, read, write, view and represent to explore thoughts, ideas, feelings and experiences.

2.4 Create Original Text

Generate ideas

- choose life themes encountered in reading, listening and viewing activities, and in own experiences, for creating oral, print and other media texts

Elaborate on the expression of ideas

- use literary devices, such as imagery and figurative language, to create particular effects

Structure texts

- determine purpose and audience needs to choose forms, and organize ideas and details in oral, print and other media texts

General Outcome 2

Students will listen, speak, read, write, view and represent to comprehend and respond personally and critically to oral, print and other media texts

3.1 Plan and Focus

Focus attention

- distinguish among facts, supported inferences and opinions
- use note-taking or representing to assist with understanding ideas and information, and focusing topics for investigation

Determine information needs

- decide on and select the information needed to support a point of view

Plan to gather information

- develop and follow own plan for accessing and gathering ideas and information, considering guidelines for time and length of investigation and presentation

3.2 Select and Process

Use a variety of sources

- locate information to answer research questions, using a variety of sources, such as printed texts, bulletin boards, biographies, art, music, community resource people, CDROMs and the Internet

Access information

- use a variety of tools, such as bibliographies, thesauri, electronic searches and technology, to access information
- skim, scan and read closely to gather information

Evaluate sources

- evaluate the congruency between gathered information and research purpose and focus, using pre-established criteria

3.3 Organize, Record, and Evaluate

Organize information

- organize ideas and information using a variety of strategies and techniques, such as comparing and contrasting, and classifying and sorting according to subtopics and sequence
- organize and develop ideas and information into oral, print or other media texts with introductions that interest audiences and state the topic, sections that develop the topic and conclusions

Record Information

- make notes on a topic, combining information from more than one source; use reference sources appropriately
- use outlines, thought webs and summaries to show the relationships among ideas and information and to clarify meaning
- quote information from oral, print and other media sources

Evaluate information

- evaluate the appropriateness of information for a particular audience and purpose
- recognize gaps in gathered information, and suggest additional information needed for a particular audience and purpose

3.4 Share and Review

Share ideas and information

- communicate ideas and information in a variety of oral, print and other media texts, such as multiparagraph reports, question and answer formats and graphs
- select appropriate visuals, print and/or other media to inform and engage the audience

Review research process

- establish goals for enhancing research skills

General Outcome 3

Students will listen, speak, read, write, view and represent to manage ideas and information.

4.1 Enhance and Improve

Appraise own and others' work

- work collaboratively to revise and enhance oral, print and other media texts
- ask for and evaluate the usefulness of feedback and assistance from peers

Revise and edit

- revise to provide focus, expand relevant ideas and eliminate unnecessary information
- edit for appropriate verb tense and for correct pronoun references
- use paragraph structures in expository and narrative texts

Enhance legibility

- experiment with a variety of software design elements, such as spacing, graphics, titles and headings, and font sizes and styles, to enhance the presentation of texts

Expand knowledge of language

- show the relationships among key words associated with topics of study, using a variety of strategies such as thought webs, outlines and lists
- choose words that capture a particular aspect of meaning and that are appropriate for context, audience and purpose

Enhance artistry

- experiment with several options, such as sentence structures, figurative language and multimedia effects, to choose the most appropriate way of communicating ideas or information

4.2 Attend to Conventions

Attend to grammar and usage

- use complex sentence structures and a variety of sentence types in own writing
- identify comparative and superlative forms of adjectives, and use in own writing
- identify past, present and future verb tenses, and use throughout a piece of writing

Attend to Spelling

- use a variety of resources and strategies to determine and learn the correct spelling of common exceptions to conventional spelling patterns
- explain the importance of correct spellings for effective communication
- edit for and correct commonly misspelled words in own writing, using spelling generalizations and the meaning and function of words in context

Attend to capitalization and punctuation

- use colons before lists, to separate hours and minutes, and after formal salutations in own writing
- identify parentheses and colons when reading, and use them to assist comprehension
- identify ellipses that show words are omitted or sentences are incomplete when reading, and use them to assist comprehension

4.3 Present and share

Present information

- use various styles and forms of presentations, depending on content, audience and purpose

Enhance presentation

- emphasize key ideas and information to enhance audience understanding and enjoyment

Use effective oral and visual communication

- demonstrate control of voice, pacing, gestures and facial expressions; arrange props and presentation space to enhance communication

Demonstrate attentive listening and viewing

- respond to the emotional aspects of presentations by providing nonverbal encouragement and appreciative comments

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

5.2 Work within a Group

Cooperate with others

- assume a variety of roles, and share responsibilities as a group member
- identify and participate in situations and projects in which group work enhances learning and results

Work in Groups

- contribute to group knowledge of topics to identify and focus information needs, sources and purposes for research or investigations
- address specific problems in a group by specifying goals, devising alternative solutions and choosing the best alternative

Evaluate group process

- assess own contributions to group process, and set personal goals for working effectively with others

General Outcome 5

Students will listen, speak, read, write, view and represent to respect, support and collaborate with others.

Grade 7:

Art

Compositions

Components 2

- Students will experiment with techniques and media within complete compositions of two and three dimensions.

Concepts

- A) Sculptures can be formed using materials in additive and subtractive ways to demonstrate formal and informal balance.

Information and Communication Technology

Category: Communicating, Inquiring, Decision Making, and Problem Solving

C1: Students will access, use, and communicate information from a variety of technologies.

- 3.1 plan and conduct a search, using a wide variety of electronic sources
- 3.2 refine searches to limit sources to a manageable number
- 3.3 access and operate multimedia applications and technologies from stand-alone and online sources
- 3.4 access and retrieve information through the electronic network
- 3.5 analyze and synthesize information to create a product
- 3.6 communicate in a persuasive and engaging manner, through appropriate forms, such as speeches, letters, reports and multimedia presentations, applying information technologies for content, audience and purpose

C2: Students will seek alternative viewpoints, using information technologies

- 3.1 access diverse viewpoints on particular topics by using appropriate technologies
- 3.2 assemble and organize different viewpoints in order to assess their validity
- 3.3 use information technology to find facts that support or refute diverse

C3: Students will critically assess information accessed through the use of a variety of technologies

- 3.1 evaluate the authority and reliability of electronic sources
- 3.2 evaluate the relevance of electronically accessed information to a particular topic

C4: Students will use organizational processes and tools to manage inquiry

- 3.1 create a plan for an inquiry that includes consideration of time management
- 3.2 develop a process to manage volumes of information that can be made available through electronic sources
- 3.3 demonstrate the advanced search skills necessary to limit the number of hits desired for online and offline databases; for example, the use of “and” or “or” between search topics and the choice of appropriate search engines for the topic

C5: Students will use technology to aid collaboration during inquiry

- 3.1 access, retrieve and share information from electronic sources, such as common files
- 3.2 use networks to brainstorm, plan and share ideas with group members

C6: Students will use technology to investigate and/or solve problems

- 3.1 articulate clearly a plan of action to use technology to solve a problem
- 3.2 identify the appropriate materials and tools to use in order to accomplish a plan of action
- 3.3 evaluate choices and the progress in problem solving, then redefine the plan of action as appropriate
- 3.4 pose and test solutions to problems by using computer applications, such as computer-assisted design or simulation/modelling software
- 3.5 create a simulation or a model by using technology that permits the making of inferences

C7: Students will use electronic research techniques to construct personal knowledge and meaning.

- 3.1 identify patterns in organized information
- 3.2 make connections among related, organized data, and assemble various pieces into a unified message

Category: Foundational Operations, Knowledge, and Concepts.

F1: Students will demonstrate an understanding of the nature of technology.

- 3.1 demonstrate an understanding that information can be transmitted through a variety of media
- 3.3 apply terminology appropriate to the technology being used at this division level
- 3.4 demonstrate an understanding that digital technology follows a logical order of operations
- 3.7 demonstrate the ability to troubleshoot technical problems
- 3.8 demonstrate an understanding that technology is a process, technique or tool used to alter human activity

F3: Students will demonstrate a moral and ethical approach to the use of technology

- 3.1 use time and resources on the network wisely
- 3.3 understand the need for copyright legislation
- 3.4 cite sources when using copyright and/or public domain material
- 3.5 download and transmit only materials that comply with the established network use policies and practices
- 3.6 model and assume personal responsibility for ethical behaviour and attitudes and acceptable use of information technologies and sources in local and global contexts

F4: Students will become discerning consumers of mass media and electronic information

- 3.1 identify aspects of style in a presentation
- 3.2 understand the nature of various media and how they are consciously used to influence an audience
- 3.3 identify specific techniques used by the media to elicit particular responses from an audience
- 3.4 recognize that the ability of technology to manipulate images and sound can alter the meaning of a communication

F5: Students will practise the concepts of ergonomics and safety when using technology

- 3.1 identify risks to health and safety that result from improper use of technology
- 3.2 identify and apply safety procedures required for the technology being used

F6: Students will demonstrate a basic understanding of the operating skills required in a variety of technologies

- 3.1 connect and use audio, video and digital equipment
- 3.2 perform routine data maintenance and management of personal files
- 3.3 demonstrate proficiency in uploading and downloading text, image, audio and video files
- 3.4 demonstrate the ability to control devices electronically
- 3.5 describe the steps involved in loading software

Category: Processes for Productivity

P1: Students will compose, revise and edit text.

- 3.3 revise text documents based on feedback from others
- 3.4 use appropriate communication technology to elicit feedback from others

P3: Students will communicate through multimedia

- 3.1 create multimedia presentations that take into account audiences of diverse size, age, gender, ethnicity and geographic location

3.2 create multimedia presentations that incorporate meaningful graphics, audio, video and text gathered from remote sources

P4: Students will integrate various applications

3.3 emphasize information, using placement and colour

P5: Students will navigate and create hyperlinked resources

3.2 demonstrate proficient use of various information retrieval technologies

P6: Students will use communication technology to interact with others

3.1 communicate with a targeted audience, within a controlled environment, by using such communication technologies as email and web browsers

3.2 demonstrate proficiency in accessing local area network, wide area network and Internet services, including uploading and downloading text, image, audio and video files

English Language Arts

1.1 Discover and Explore

Express Ideas and Develop Understanding

- extend understanding of ideas and information by finding and exploring oral, print and other media texts on related topics and themes
- express personal understandings of ideas and information based on prior knowledge, experiences with others and a variety of oral, print and other media texts
- reflect on own observations and experiences to understand and develop oral, print and other media texts

Experiment with language and forms

- discuss and respond to ways that content and forms of oral, print and other media texts interact to influence understanding

Express preferences

- explore and assess oral, print and other media texts recommended by others

Set goals

- use appropriate terminology to discuss developing abilities in personal language learning and use

1.2 Clarify and Extend

Consider the ideas of others

- listen and respond constructively to alternative ideas or opinions

Combine ideas

- use talk, writing and representing to examine, clarify and assess understanding of ideas, information and experiences

Extend Understanding

- talk with others to elaborate ideas, and ask specific questions to seek helpful feedback

General Outcome 1

Students will listen, speak, read, write, view and represent to explore thoughts, ideas, feelings and experiences.

2.4 Create Original Text

Generate ideas

- choose appropriate strategies for generating ideas and focusing topics for oral, print and other media texts

Structure texts

- create a variety of oral, print and other media texts to explore ideas related to particular topics or themes

General Outcome 2

Students will listen, speak, read, write, view and represent to comprehend and respond personally and critically to oral, print and other media texts.

3.1 Plan and Focus

Focus attention

- consider audience, purpose, point of view and form when focusing topics for investigation
- use note-taking, outlining or representing to summarize important ideas and information in oral, print and other media texts

Determine information needs

- discuss the types and sources of information appropriate for topic, audience, form, purpose and point of view

Plan to gather information

- plan and organize data collection based on instructions, explanations and pre-established parameters

3.2 Select and Process

Use a variety of sources

- obtain information from a variety of sources, such as adults, peers, advertisements, magazines, lyrics, formal interviews, almanacs, broadcasts and videos, to explore research questions

Access information

- use a variety of tools and text features, such as headings, subheadings, topic sentences, summaries, staging and pacing, and highlighting, to access information
- distinguish between fact and opinion, and follow the development of argument and opinion
- scan to locate specific information quickly; summarize and record information useful for research purposes

Evaluate sources

- use pre-established criteria to evaluate the usefulness of a variety of information sources in terms of their structure and purpose

3.3 Organize, Record, and Evaluate

Organize information

- organize ideas and information by selecting or developing categories appropriate to a particular topic and purpose
- produce oral, print and other media texts with well-developed and well-linked ideas and sections

Record Information

- make notes, using headings and subheadings or graphic organizers appropriate to a topic; reference sources
- reflect on ideas and information to form own opinions with evidence to support them
- compare, contrast and combine ideas and information from several sources

Evaluate information

- assess if the amount and quality of gathered information is appropriate to purpose and audience; address information gaps
- connect new information with prior knowledge to build new understanding

3.4 Share and Review

Share ideas and information

- communicate ideas and information in a variety of oral, print and other media texts, such as reports, autobiographies, brochures and video presentations
- use appropriate visual, print and/or other media effectively to inform and engage the audience

Review research process

- identify strengths and areas for improvement in personal research skills

General Outcome 3

Students will listen, speak, read, write, view and represent to manage ideas and information.

4.1 Enhance and Improve

Appraise own and others' work

- identify particular content features that enhance the effectiveness of published oral, print and other media texts
- incorporate particular content features of effective texts into own oral, print and other media texts

Revise and edit

- revise introductions, conclusions and the order of ideas and information to add coherence and clarify meaning

- revise to eliminate unnecessary repetition of words and ideas
- use paragraphs, appropriately, to organize narrative and expository texts

Enhance legibility

- identify how the format of documents enhances the presentation of content

Expand knowledge of language

- identify differences between standard English and slang, colloquialism or jargon, and explain how these differences affect meaning
- identify and explain figurative and metaphorical use of language in context

Enhance artistry

- experiment with figurative language, illustrations and video effects to create visual images, provide emphasis or express emotion

4.2 Attend to Conventions

Attend to grammar and usage

- use a variety of subordinate clauses correctly and appropriately in own writing
- use correct subject–verb agreement in sentences with compound subjects
- distinguish between formal and informal conventions of oral and written language, and use each appropriately, depending on the context, audience and purpose
- identify and use common subjective and objective forms of pronouns, appropriately and correctly in own writing

Attend to Spelling

- use reference materials to confirm spellings and to solve spelling problems when editing and proofreading
- extend spelling vocabulary to include words frequently used in literature, but infrequently used in oral and other media texts
- apply specific and effective strategies for learning and remembering the correct spelling of words in own writing

Attend to capitalization and punctuation

- use periods and commas with quotation marks that indicate direct speech in own writing
- use commas to separate phrases and clauses in own writing
- use quotation marks to identify information taken from secondary sources in own writing

4.3 Present and share

Present information

- present ideas and opinions confidently, but without dominating the discussion, during small group activities and short, whole class sessions

Enhance presentation

- clarify and support ideas or opinions with details, visuals or media techniques

Use effective oral and visual communication

- identify and use explicit techniques to arouse and maintain interest and to convince the audience

Demonstrate attentive listening and viewing

- ask questions or make comments that elicit additional information; probe different aspects of ideas, and clarify understanding

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

5.2 Work within a Group

Cooperate with others

- contribute collaboratively in group situations, by asking questions and building on the ideas of others
- take responsibility for assuming a variety of roles in a group, depending on changing contexts and needs

Work in Groups

- contribute ideas, knowledge and questions to establish an information base for research or investigations
- assist in setting and achieving group goals by inviting others to speak, suggesting alternatives, assigning tasks, sharing resources, following up on others' ideas and listening to a variety of points of view

Evaluate group process

- evaluate group process and personal contributions according to pre-established criteria to determine strengths and areas for improvement

General Outcome 5

Students will listen, speak, read, write, view and represent to respect, support and collaborate with others.

Grade 8:

Art

Compositions

Components 1

- Students will create compositions in both two- and three-dimensions.

Concepts

- C) Man-made or natural objects can be represented in a variety of three-dimensional media.

Information and Communication Technology

Category: Communicating, Inquiring, Decision Making, and Problem Solving

C1: Students will access, use, and communicate information from a variety of technologies.

- 3.1 plan and conduct a search, using a wide variety of electronic sources
- 3.2 refine searches to limit sources to a manageable number
- 3.3 access and operate multimedia applications and technologies from stand-alone and online sources
- 3.4 access and retrieve information through the electronic network
- 3.5 analyze and synthesize information to create a product
- 3.6 communicate in a persuasive and engaging manner, through appropriate forms, such as speeches, letters, reports and multimedia presentations, applying information technologies for content, audience and purpose

C2: Students will seek alternative viewpoints, using information technologies

- 3.1 access diverse viewpoints on particular topics by using appropriate technologies
- 3.2 assemble and organize different viewpoints in order to assess their validity
- 3.3 use information technology to find facts that support or refute diverse

C3: Students will critically assess information accessed through the use of a variety of technologies

- 3.1 evaluate the authority and reliability of electronic sources
- 3.2 evaluate the relevance of electronically accessed information to a particular topic

C4: Students will use organizational processes and tools to manage inquiry

- 3.1 create a plan for an inquiry that includes consideration of time management
- 3.2 develop a process to manage volumes of information that can be made available through electronic sources
- 3.3 demonstrate the advanced search skills necessary to limit the number of hits desired for online and offline databases; for example, the use of “and” or “or” between search topics and the choice of appropriate search engines for the topic

C5: Students will use technology to aid collaboration during inquiry

- 3.1 access, retrieve and share information from electronic sources, such as common files
- 3.2 use networks to brainstorm, plan and share ideas with group members

C6: Students will use technology to investigate and/or solve problems

- 3.1 articulate clearly a plan of action to use technology to solve a problem
- 3.2 identify the appropriate materials and tools to use in order to accomplish a plan of action
- 3.3 evaluate choices and the progress in problem solving, then redefine the plan of action as appropriate
- 3.4 pose and test solutions to problems by using computer applications, such as computer-assisted design or simulation/modelling software
- 3.5 create a simulation or a model by using technology that permits the making of inferences

C7: Students will use electronic research techniques to construct personal knowledge and meaning.

- 3.1 identify patterns in organized information

- 3.2 make connections among related, organized data, and assemble various pieces into a unified message

Category: Foundational Operations, Knowledge, and Concepts.

F1: Students will demonstrate an understanding of the nature of technology.

- 3.1 demonstrate an understanding that information can be transmitted through a variety of media
- 3.3 apply terminology appropriate to the technology being used at this division level
- 3.4 demonstrate an understanding that digital technology follows a logical order of operations
- 3.7 demonstrate the ability to troubleshoot technical problems
- 3.8 demonstrate an understanding that technology is a process, technique or tool used to alter human activity

F3: Students will demonstrate a moral and ethical approach to the use of technology

- 3.1 use time and resources on the network wisely
- 3.3 understand the need for copyright legislation
- 3.4 cite sources when using copyright and/or public domain material
- 3.5 download and transmit only materials that comply with the established network use policies and practices
- 3.6 model and assume personal responsibility for ethical behaviour and attitudes and acceptable use of information technologies and sources in local and global contexts

F4: Students will become discerning consumers of mass media and electronic information

- 3.1 identify aspects of style in a presentation
- 3.2 understand the nature of various media and how they are consciously used to influence an audience
- 3.3 identify specific techniques used by the media to elicit particular responses from an audience
- 3.4 recognize that the ability of technology to manipulate images and sound can alter the meaning of a communication

F5: Students will practise the concepts of ergonomics and safety when using technology

- 3.1 identify risks to health and safety that result from improper use of technology
- 3.2 identify and apply safety procedures required for the technology being used

F6: Students will demonstrate a basic understanding of the operating skills required in a variety of technologies

- 3.1 connect and use audio, video and digital equipment
- 3.2 perform routine data maintenance and management of personal files
- 3.3 demonstrate proficiency in uploading and downloading text, image, audio and video files
- 3.4 demonstrate the ability to control devices electronically
- 3.5 describe the steps involved in loading software

Category: Processes for Productivity

P1: Students will compose, revise and edit text.

- 3.3 revise text documents based on feedback from others
- 3.4 use appropriate communication technology to elicit feedback from others

P3: Students will communicate through multimedia

- 3.1 create multimedia presentations that take into account audiences of diverse size, age, gender, ethnicity and geographic location
- 3.2 create multimedia presentations that incorporate meaningful graphics, audio, video and text gathered from remote sources

P4: Students will integrate various applications

- 3.3 emphasize information, using placement and colour

P5: Students will navigate and create hyperlinked resources

- 3.2 demonstrate proficient use of various information retrieval technologies

P6: Students will use communication technology to interact with others

- 3.1 communicate with a targeted audience, within a controlled environment, by using such communication technologies as email and web browsers
- 3.2 demonstrate proficiency in accessing local area network, wide area network and Internet services, including uploading and downloading text, image, audio and video files

English Language Arts

1.1 Discover and Explore

Express Ideas and Develop Understanding

- revise understanding and expression of ideas by connecting new and prior knowledge and experiences
- review, reread, discuss and reflect on oral, print and other media texts to explore, confirm or revise understanding
- seek out and consider diverse ideas, opinions and experiences to develop and extend own ideas, opinions and experiences

Experiment with language and forms

- discuss and respond to ways that forms of oral, print and other media texts enhance or constrain the development and communication of ideas, information and experiences

Set goals

- examine and reflect on own growth in effective use of language to revise and extend personal goals

1.2 Clarify and Extend

Consider the ideas of others

- acknowledge the value of the ideas and opinions of others in exploring and extending personal interpretations and perspectives

Combine ideas

- exchange ideas and opinions to clarify understanding and to broaden personal perspectives

Extend Understanding

- reconsider and revise initial understandings and responses in light of new ideas, information and feedback from others

General Outcome 1

Students will listen, speak, read, write, view and represent to explore thoughts, ideas, feelings and experiences.

2.4 Create Original Text

Generate ideas

- create oral, print and other media texts related to issues encountered in texts and in own life

Structure texts

- choose forms or genres of oral, print or other media texts for the particular affects they will have on audiences and purposes

General Outcome 2

Students will listen, speak, read, write, view and represent to comprehend and respond personally and critically to oral, print and other media texts.

3.1 Plan and Focus

Focus attention

- experiment with several ways to focus a topic, and select a form appropriate to audience and purpose

Determine information needs

- select the most appropriate information sources for topic, audience, purpose and form

Plan to gather information

- choose a plan to access, gather and record information, according to self-selected parameters

3.2 Select and Process

Use a variety of sources

- obtain information from a variety of sources, such as artifacts, debates, forums, biographies, autobiographies, surveys, documentaries, films, CDROMs, charts and tables, when conducting research

Access information

- expand and use a variety of tools and text features, such as subtitles, margin notes, key words, electronic searches, previews, reviews, visual effects and sound effects, to access information
- record key ideas and information from oral, print and other media texts, avoiding overuse of direct quotations
- adjust rate of reading or viewing to suit purpose and density of information in print or other media texts

Evaluate sources

- develop and use criteria for evaluating the usefulness, currency and reliability of information for a particular research project

3.3 Organize, Record, and Evaluate

Organize information

- organize ideas and information creatively, as well as logically, to develop a comparison or chronology, or to show a cause–effect relationship
- organize ideas and information to establish an overall impression or point of view in oral, print and other media texts

Record Information

- make notes in point form, summarizing major ideas and supporting details; reference sources
- discard information that is irrelevant for audience, purpose, form or point of view
- use a consistent and approved format to give credit for quoted and paraphrased ideas and information

Evaluate information

- evaluate the relevance and importance of gathered information; address information gaps
- incorporate new information with prior knowledge and experiences to develop new understanding

3.4 Share and Review

Share ideas and information

- communicate ideas and information in a variety of oral, print and other media texts, such as interviews, minilessons and documentaries
- integrate appropriate visual, print and/or other media to inform and engage the audience

Review research process

- assess the research process, and consider alternative ways of achieving research goals

General Outcome 3

Students will listen, speak, read, write, view and represent to manage ideas and information.

4.1 Enhance and Improve

Appraise own and others' work

- share draft oral, print and other media texts in a way that will elicit useful feedback
- evaluate how particular content features contribute to, or detract from, the overall effectiveness of own and others' oral, print and other media texts; make and suggest revisions

Revise and edit

- revise by adding words and phrases that emphasize important ideas or create dominant impressions

- revise to enhance sentence variety, word choice and appropriate tone
- enhance the coherence and impact of documents, using electronic editing functions
- use paragraph structures to demonstrate unity and coherence

Enhance legibility

- choose an effective format for documents, depending on the content, audience and purpose

Enhance artistry

- experiment with figurative language, voice, sentence patterns, camera angle and music to create an impression or mood

4.2 Attend to Conventions

Attend to grammar and usage

- use words and phrases to modify, clarify and enhance ideas and descriptions in own writing
- use a variety of simple, compound and complex sentence structures to communicate effectively, and to make writing interesting
- use correct pronoun– antecedent agreement in own writing x use verb tenses consistently throughout a piece of writing

Attend to Spelling

- develop a systematic and effective approach to studying and remembering the correct spelling of key words encountered in a variety of print and other media texts
- use knowledge of spelling generalizations and how words are formed to spell technical terms and unfamiliar words in own writing
- identify the use of spelling variants in print and other media texts, and discuss the effectiveness depending on audience and purpose

Attend to capitalization and punctuation

- use hyphens to break words at the end of lines, and to make a new word from two related words in own writing
- identify semicolons, dashes and hyphens when reading, and use them to assist comprehension
- use parentheses appropriately in own writing
- use appropriate capitalization and punctuation for referencing oral, print and other media texts

4.3 Present and share

Present information

- plan and facilitate small group and short, whole class presentations to share information

Enhance presentation

- present information to achieve a particular purpose and to appeal to interest and background knowledge of reader or audience

Use effective oral and visual communication

- plan and shape presentations to achieve particular purposes or effects, and use feedback from rehearsals to make modifications

Demonstrate attentive listening and viewing

- use appropriate verbal and nonverbal feedback to respond respectfully

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

4.4 Present and share

Present information

- plan and facilitate small group and short, whole class presentations to share information

Enhance presentation

- present information to achieve a particular purpose and to appeal to interest and background knowledge of reader or audience

Use effective oral and visual communication

- plan and shape presentations to achieve particular purposes or effects, and use feedback from rehearsals to make modifications

Demonstrate attentive listening and viewing

- use appropriate verbal and nonverbal feedback to respond respectfully

General Outcome 4

Students will listen, speak, read, write, view and represent to enhance the clarity and artistry of communication.

5.2 Work within a Group

Cooperate with others

- propose ideas or advocate points of view that recognize the ideas of others and advance the thinking of the group
- use opportunities as a group member to contribute to group goals and extend own learning

Work in Groups

- contribute ideas, knowledge and strategies to identify group information needs and sources
- organize and complete tasks cooperatively by defining roles and responsibilities, negotiating to find the basis for agreement, setting objectives and time frames, and reviewing progress

Evaluate group process

- evaluate the quality of own contributions to group process, and offer constructive feedback to others; propose suggestions for improvement

General Outcome 5

Students will listen, speak, read, write, view and represent to respect, support and collaborate with others.