

New Brunswick Science 5

- observe and identify physical changes that affect the form or size of the material in the object without producing any new
- identify and describe some physical changes that are reversible and some which are not (301-10)
- describe chemical changes that occur when materials interact with each other to form totally new materials, including those that result in the production of a gas (301-12, 301-11)
- identify and describe chemical changes to materials that are reversible and some which are not (301-10)
- describe examples of manufactured materials that have been developed to improve human living conditions (107-8)
- identify the source of the materials found in an object, and use a variety of methods and technologies to gather information to describe the changes required of the natural materials to create the object (205-8, 300-12)

106-4 describe instances in which scientific ideas and discoveries have led to new inventions and applications

107-8 describe examples of technologies that have been developed to improve their living conditions

observe, investigate and describe how forces can act directly or from a distance to cause objects to move or remain in p

- describe forces as contact or non-contact (104-7)
- identify examples of machines that have been used in the past and have developed over time, using information sources such as books, software packages, and the Internet (205-8, 105-5)
- identify positive and negative effects of technologies that affect weather and the environment (108-1)