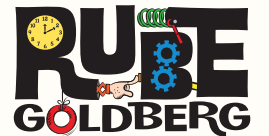


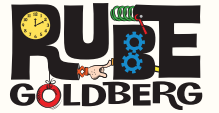
CLASS INSTRUCTIONS

Follow this guide to learn how to take your class step by step

Guinness Record Holder Zach's Rube Goldberg Class

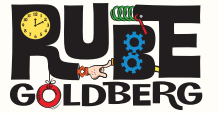


[Class Instructions] Guinness Record Holder Zach's Rube Goldberg Class



Class Overview & Curriculum

[Class Instructions] Guinness Record Holder Zach's Rube Goldberg Class



What Is This Class About?

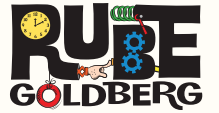
In this class, you'll use everyday materials **to build simple machines** and learn advanced ways **to design your own creative Rube Goldberg machines.**

Recommended Age Grade 3 and up

Course Duration 5-session program

Lesson Duration 10–15 mins per lesson

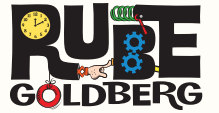




What Will You Achieve?

- # Rube Goldberg Machine Design
- # Creative Use of Simple Machines
- # Confidence Through Trial and Error
- # Perseverance to Keep Trying

“Design **creative Rube Goldberg machines** and develop **the confidence to learn from mistakes.**”

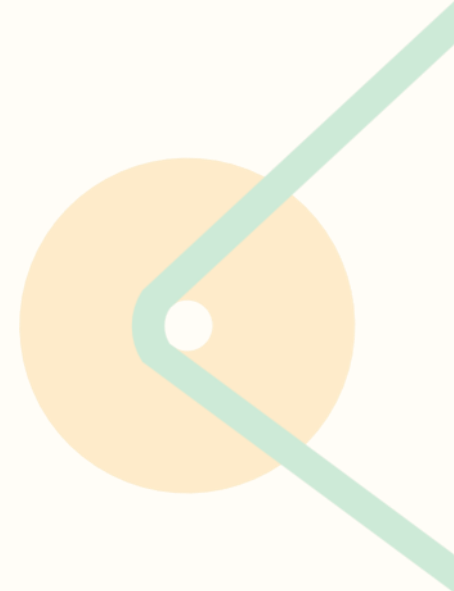


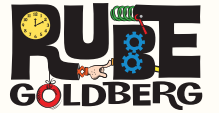
What Will You Learn?

Class 1

Build a Rube Goldberg Machine with Everyday Objects

Learn how to build a Rube Goldberg machine
using simple machines made from everyday objects,
such as brooms and paper cups.





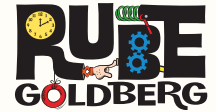
Who Is This Class For?

Students with a basic understanding of simple machines and energy

Students who have built simple machines or Rube Goldberg machines before

Q. Do I need to follow the recommended age guidelines?

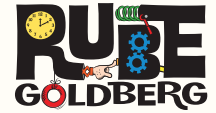
The recommended age and grade levels are based on the class difficulty and learning objectives. However, every child learns at a different pace, **so prior knowledge and experience may make this class suitable for learners outside the recommended range.**



How Is the Curriculum Structured?

*All lessons follow the curriculum below.

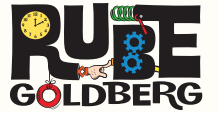
Session	Category	Lesson Content	Includes
Session 0	Orientation	Course Introduction, Instructor Introduction	VOD, Course Instructions
Session 1	Class 1-1	Lever	VOD, Worksheet, Quiz, Project
Session 2	Class 1-2	Inclined Plane, Wheel & Axle	VOD, Worksheet, Quiz, Project
Session 3	Class 1-3	Wedge, Pulley	VOD, Worksheet, Quiz, Project
Session 4	Class 1-4	Screw	VOD, Worksheet, Quiz, Project
Session 5	Class 1-5	Chain Reactions	VOD, Quiz, Final Project
-	Course Completion	Complete Class 1 & Receive Your Certificate	RGI Certificate



How Is the Curriculum Structured?

*All lessons follow the curriculum below.

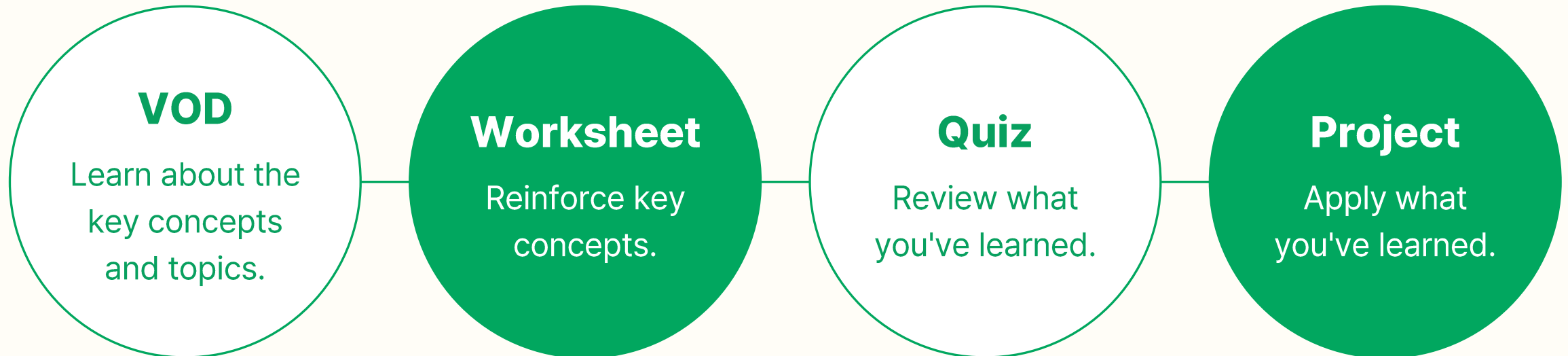
Category	Topic	Description
Class 1-1	Lever	Learn the fundamental principle of how force can be amplified and its direction changed.
Class 1-2	Inclined Plane, Wheel & Axle	Understand how rotational motion and inclined planes are used to move objects efficiently.
Class 1-3	Wedge, Pulley	Learn how wedges and pulleys redirect force and connect mechanical systems.
Class 1-4	Screw	Understand how rotational motion is converted into linear motion.
Class 1-5	Chain Reactions	Design a complete sequence by connecting simple machines into a continuous chain reaction.

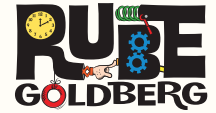


How Is the Class Structured?

A structured, step-by-step approach to learning

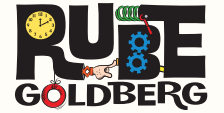
Each lesson includes video lessons, worksheets, quizzes, and hands-on projects to support effective learning.





How Is the Class Structured?

Component	Description	How to Use It	Notes
VOD	Video instruction covering the lesson content	• Learn key concepts and ideas • Follow the lesson step by step through visual instruction	• Approximately 10–15 minutes per lesson
Worksheet	Materials for reviewing and practicing lesson content	• Reinforce learning through writing and hands-on activities • Extend your thinking based on the lesson	• Approximately 10 pages per lesson
Quiz	A quiz to check understanding	• Review what you learned through an online quiz	• Completed and submitted each week
Project	A project that applies lesson concepts	• Apply what you learned by creating and building	• Completed and submitted each week

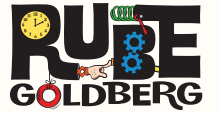


What Materials Will You Need?

Basic materials needed for the class

These are the essential materials you will need for the class. To ensure a smooth online learning experience, please prepare the following items in advance.

Essential Materials	PC or Tablet	A device that can stream video lessons and open PDF files
	Stable Internet Connection	A Wi-Fi or wired internet connection is recommended
Learning Tools	Notebook and Writing Tools	For taking notes and completing worksheet activities
	Printed Worksheets	You may also view and complete them digitally on a tablet



What Materials Will You Need?

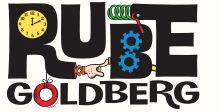
Recommended Materials for Hands-On Activities

Building a Rube Goldberg machine is all about experimenting, testing, and making adjustments. Please prepare everyday objects that are easy to assemble, take apart, and reuse.

Materials	Basic Materials	Masking tape, string, scissors, twist ties, and everyday household items such as books and paper cups.
	Items to Avoid	Glue guns, commercial Rube Goldberg kits, fragile objects, and sharp or hazardous items

The most important material is your **creativity!**

Try using everyday objects in unexpected ways to make your creations even more fun.

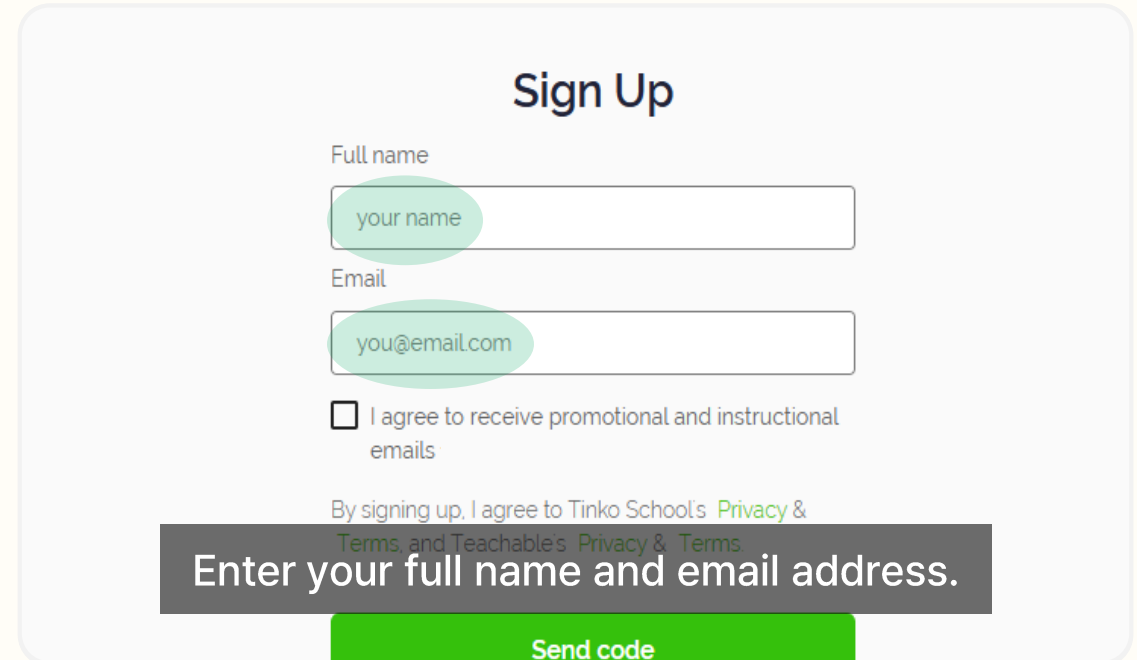
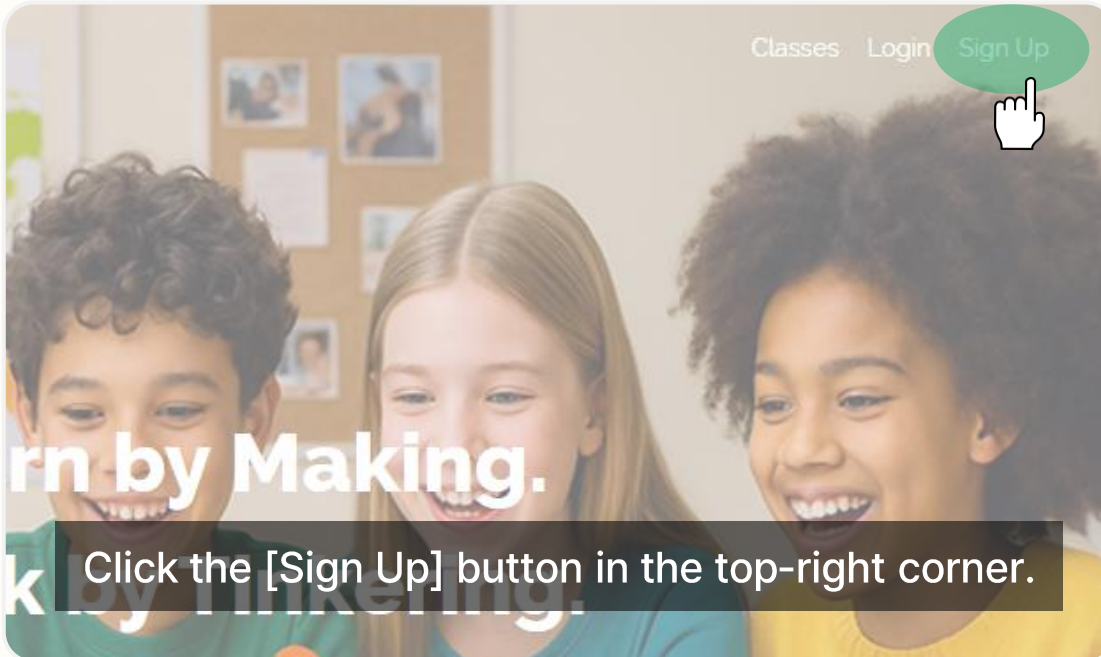


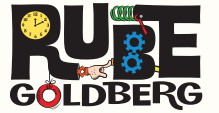
Enrollment and Class Access

How Do I Access the Course?

Sign Up

Click the [Sign Up] button.

A screenshot of the Tinko School "Sign Up" form. The form is titled "Sign Up" in a large, dark blue font. It contains two input fields: "Full name" with the placeholder text "your name" and "Email" with the placeholder text "you@email.com". Both input fields are highlighted with green circles. Below the email field is a checkbox with the text "I agree to receive promotional and instructional emails". At the bottom of the form, there is a green button labeled "Send code". A dark grey banner at the bottom of the form contains the text "Enter your full name and email address." in white.



How Do I Access the Course?

Sign Up

Choose your preferred sign-up method and complete the registration.

Full name

Rube Goldberg

Email

rubegoldberg@gmail.com

☒ I agree to receive promotional and instructional emails

By signing up, I agree to Tinko School's [Privacy & Terms](#), and Teachable's [Privacy & Terms](#).

Send code

Check the box to agree to the Terms, then click [Send Code].

Sign Up

← Back

To sign up, enter the code sent to your email

Verify

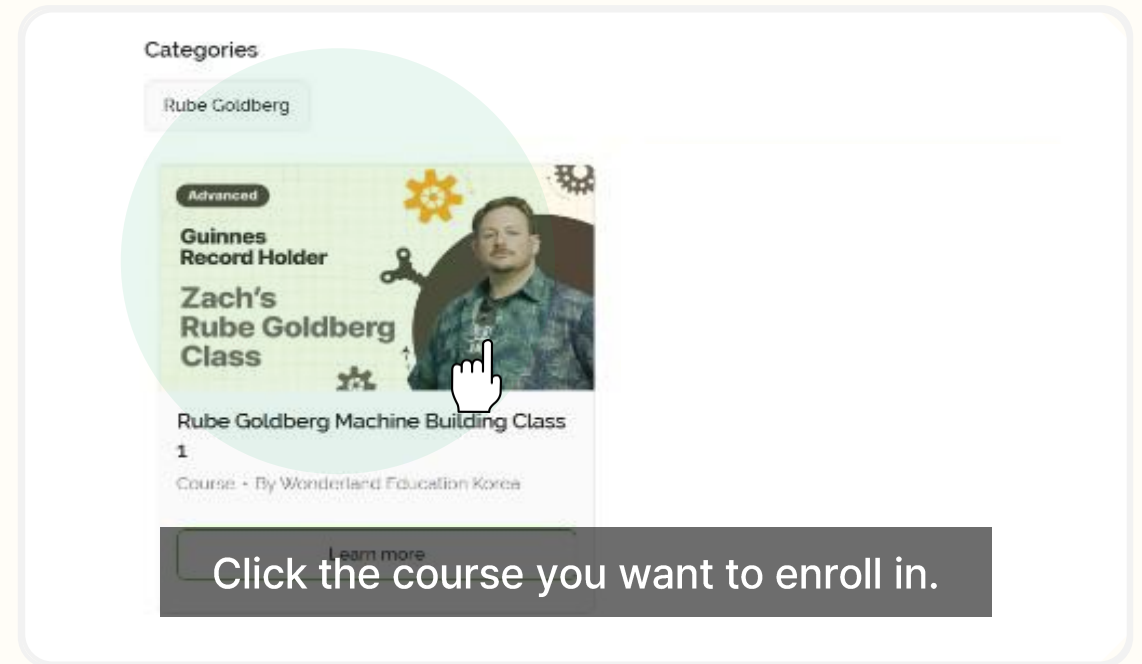
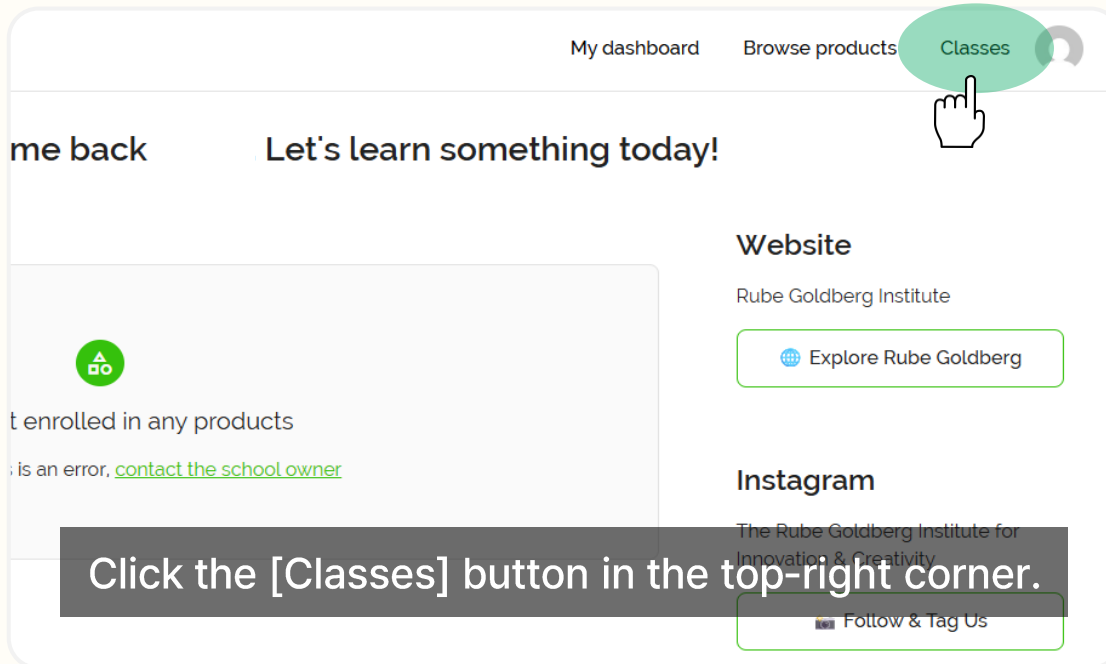
[Resend code 58](#)

Enter the verification code sent to your email.

How Do I Access the Course?

Course Enrollment

Go to [Classes] and select the course you want to take.



How Do I Access the Course?

Course Enrollment

Enter your payment details and agree to the Terms of Use.

Get started

Use this account to access your purchase.

Logged in as Logout

☐  Send as a gift (optional)

Payment method

 글로벌브랜드 카드

카드 번호



만료 날짜

보안 코드 

☒ 청구 정보가 배송 주소와 일치합니다

☒ Save payment method for future purchases on Teachable

Order summary

 Rub 1

Coupon code

Est. tax 

Total

국가 또는 지역
미국

주소

☐ Add a business tax ID

☐ By completing this purchase, you agree to Tinko's [Privacy & Terms](#), and Teachable's [Privacy & Terms](#).

Buy now 

 All transactions are secure and encrypted.

Agree to the terms, and click [Buy now].

How Do I Access the Course?

Access the Course

Click the course you're currently enrolled in.

Jump back in



Rube Goldberg Machine Building Class 1

Next lesson: Challenge : 1-1. Lever

21%

Resume course →

Explore additional products

Click the [Resume Course] button.

Complete and Continue >

Welcome: Course Introduction

At This Class

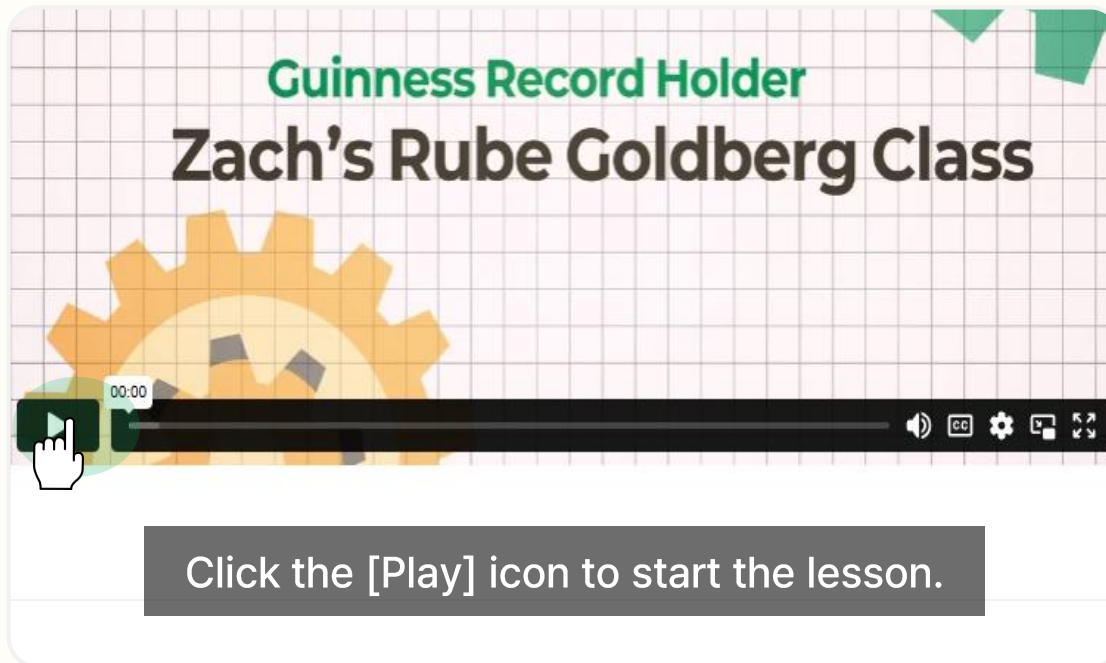
The Goldberg machine is a chain reaction machine that uses a series of
live and on-airing steps to complete a simple task.

After completing the lesson, click [Complete and Continue] to move to the next lesson.

How Do I Access the Course?

Watch the Lessons

Use the [Play] and [CC] icons to adjust the video settings.



How Do I Access the Course?

Worksheet Activity

Click the worksheet attachment to download it.

2. Reinforce Your Learning

Download

 [WS_Class_1_Chapter_1_Lever.pdf](#)

- 1 Download the worksheet PDF above.
- 2 Print the worksheet.
- 3 Complete all the activities.

Scroll down to the
[Reinforce Your Learning] section.

On page 6 of the worksheet, you will find a Rube Goldberg machine.

2. Reinforce Your Learning

Download

 [WS_Class_1_Chapter_1_Lever.pdf](#)

- 1 Download the worksheet PDF above.
- 2 Print the worksheet.
- 3 Complete all the activities.

Click the file name to download
the learning material.

On page 6 of the worksheet, you will find a Rube Goldberg machine.

How Do I Access the Course?

Quiz Submission

Follow the instructions and select the correct answer.

1. Quiz

1 / 3

1 How did Zach make the lever work?



Drop a water bottle from above

Attach a string and pull it down

Go to the [Quiz] section.



Drop a water bottle from above

Attach a string and pull it down

Read each question and select the correct answer.

How Do I Access the Course?

Project Submission

After building your own Rube Goldberg machine, go to Padlet.

3. Share Your Rube Goldgerg Machine 🌐

Show your machine to the world!

Upload your project to the **Padlet Gallery** so the **Rube Goldberg Institute**, **Zach**, and learners from around the world can see what you created.

Explore other learners' machines, leave encouraging comments, and react with ❤️ to celebrate each other's creativity.

Go to the [Share Your Rube Goldgerg Machine] section.

Padlet Gallery

World! Browse through your peers' creative work. Leave encouraging comments and show your support.

고정됨

How to Leave a Great Comment

고정됨

Community Guidelines

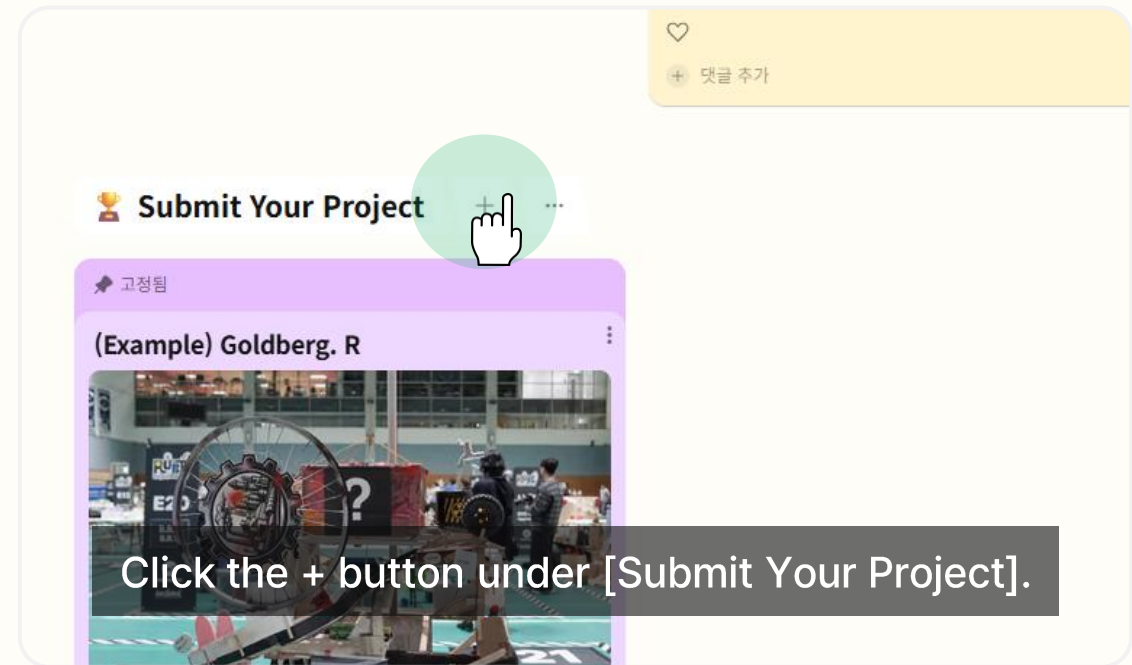
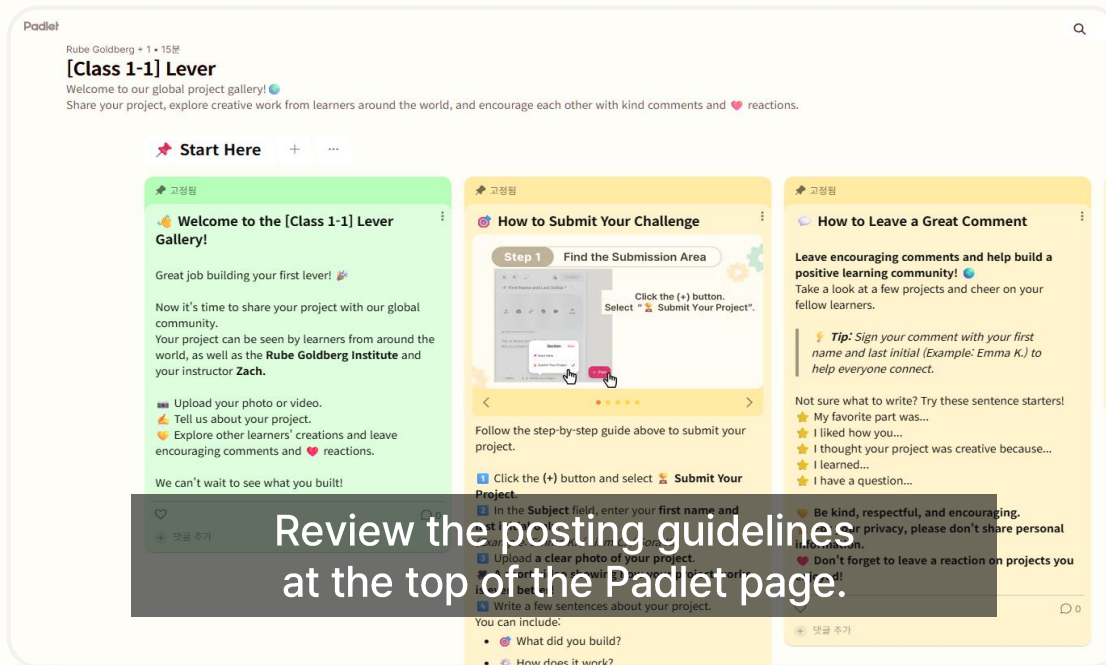
Let's make this a positive

Expand the Padlet window and open Padlet.

How Do I Access the Course?

Project Submission

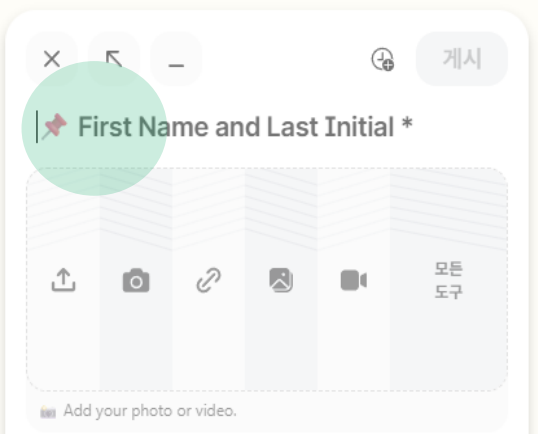
Review the posting guidelines at the top of the Padlet page.



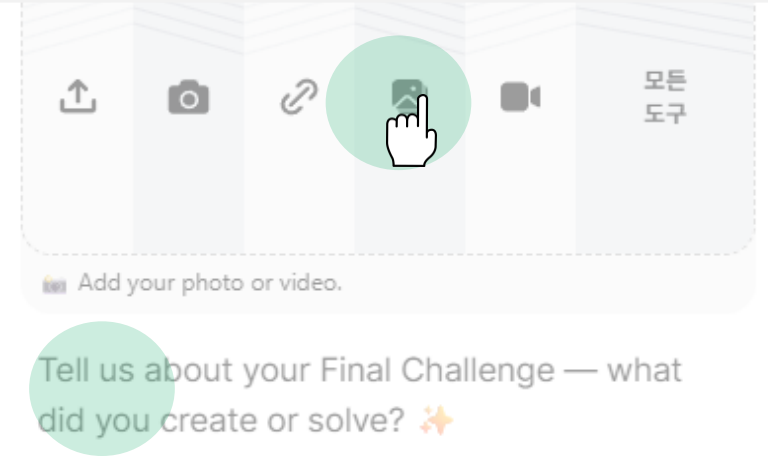
How Do I Access the Course?

Project Submission

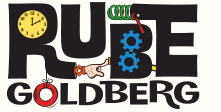
Upload a photo or video of your Rube Goldberg machine.

A screenshot of a mobile app submission form. At the top, there's a title field with a red star icon and the text "First Name and Last Initial *". Below this is a media selection area with icons for upload, photo, link, gallery, and video, and a button labeled "모든 도구" (All Tools). A green circle highlights the title field.

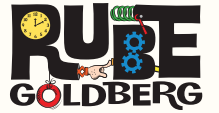
Enter your first name and last initial in the title.

A screenshot of the same mobile app submission form, showing the description field. It has the same media selection area at the top. Below it, the text "Add your photo or video." is visible. The description field contains the text "Tell us about your Final Challenge — what did you create or solve?" with a green circle highlighting the text.

Attach a photo or video, then enter a description of your Rube Goldberg machine below.



Important Notes for the Class



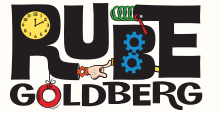
Notes Before You Begin

Accessing Your Class

You can access your online classes through 'Classroom' during the course access. Lessons are unlocked one at a time as you complete each previous lesson.

One Device at a Time

- You can access and watch the class on only one device at a time per account.
- If you want to switch devices, please log out of your current device before signing in.
- Account sharing and the use of another person's account are not permitted.



Notes Before You Begin

Accessing Your Class

You can access your online classes through 'Classroom' during the course access. Lessons are unlocked one at a time as you complete each previous lesson.

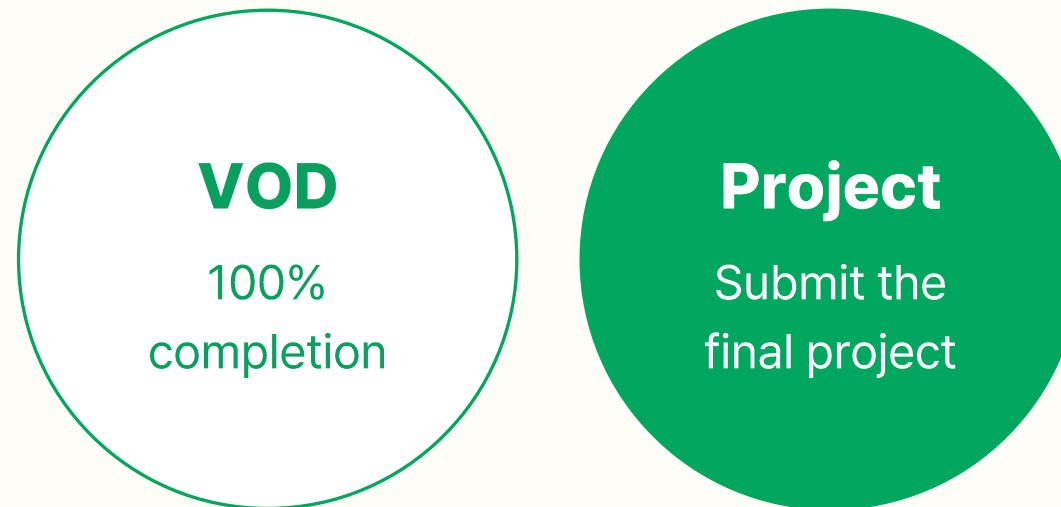
Downloading and Saving Videos Is Not Permitted

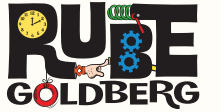
- VOD lessons are available for streaming only and cannot be downloaded.
- All VOD lessons must be viewed online with an active internet connection.
- Unauthorized downloading, recording, or sharing of course content is prohibited.

What Are the Completion Requirements?

Class Completion Requirements

- Course completion is determined based on VOD lesson progress, Final project submissions.
- Students who complete all requirements will receive an official certificate from the RGI.





Payment and Refunds

How do I pay for the class?

Global Card Payments Only

Tinko accepts payments made with major international credit and debit cards. Please note that local mobile payment services and alternative payment methods are not supported.

The Visa logo, consisting of the word "VISA" in a bold, blue, sans-serif font.The American Express logo, consisting of the words "AMERICAN" and "EXPRESS" in a blue, sans-serif font, stacked vertically.The Discover logo, consisting of the word "DISCOVER" in a bold, black, sans-serif font, with a small orange and yellow circular graphic replacing the letter "O".

How do I pay for the class?

Using a Discount Coupon

If you have a discount coupon, you can apply it during checkout. Enter your coupon code in the [Coupon Code] field and click [Apply] to receive your discount.

Order summary

Advanced

Guinness Record Holder

Zach's Rube Goldberg Class



Rube Goldberg Machine Building Class 1

Apply

Est. tax ? -

Total USD

Order summary

Advanced

Guinness Record Holder

Zach's Rube Goldberg Class



Rube Goldberg Machine Building Class 1

Apply

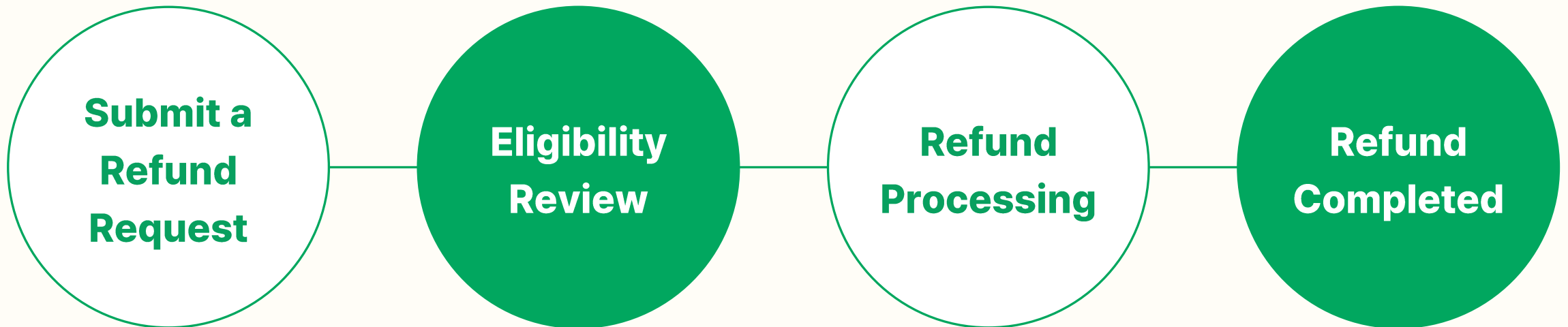
Est. tax ? -

Total USD

How Do I Request a Refund?

Refund Process

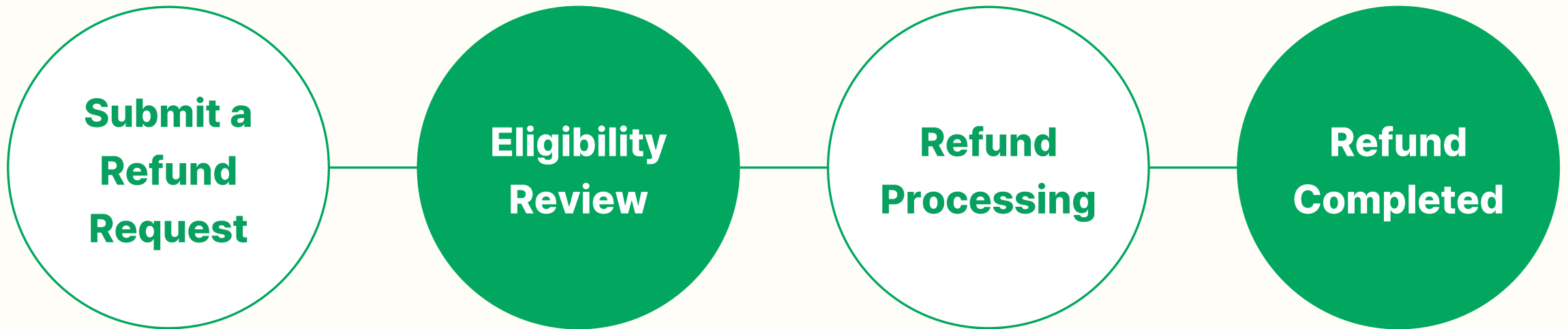
If you would like to request a refund, please submit your request through your Teachable account or contact us using the support information provided on the course page.

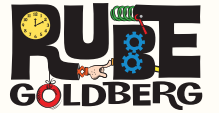


How Do I Request a Refund?

Refund Process

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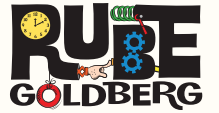


How Do I Request a Refund?

Refund Policy

Please read the following policy carefully before purchasing this course.

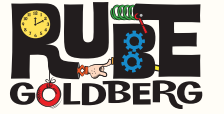
- Refund requests are accepted within **14 days of the original purchase date**.
- Requests submitted after the 14-day refund period are generally **not eligible for a refund**.
- Refunds are processed according to **Teachable's payment and refund policies**.
- Approved refunds will be returned to the **original payment method** used during checkout.
- Depending on your bank or payment provider, it may take several business days for the refund to appear in your account.



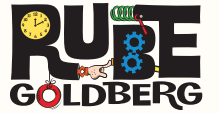
How Do I Request a Refund?

Important Information

- Refund eligibility is determined based on the purchase date and the date your refund request is submitted.
- Once a refund has been approved and completed, access to all course videos, downloadable resources, worksheets, quizzes, assignments, and any other course materials will be permanently revoked.
- Refunds can only be issued to the original payment method used for the purchase.
- Teachable reserves the right to review refund requests in accordance with its payment policies.
- By purchasing this course, you acknowledge and agree to this refund policy.



Technical Support



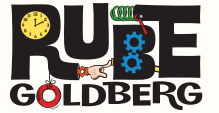
Technical Support

Technical Support

If you experience technical issues while using the online course, such as problems with video playback or logging in, please review the information below before trying again.

Recommended Setup

- Browser: The latest version of Google Chrome or Microsoft Edge
- Internet Connection: A stable Wi-Fi connection is recommended
- Device: Desktop or laptop computer, or smartphone (landscape mode recommended)



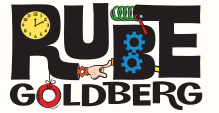
Technical Support

Technical Support

If you experience technical issues while using the online course, such as problems with video playback or logging in, please review the information below before trying again.

Common Technical Issues

- If a video won't play: Refresh your browser and try again.
- If you can't hear any sound: Check your device volume and make sure the video player is not muted.



Technical Support

Technical Support

If you experience technical issues while using the online course, such as problems with video playback or logging in, please review the information below before trying again.

Common Technical Issues

- If subtitles are missing or you want to change the language:
Open Settings → CC/Subtitles in the video player and select your preferred language.