

IPP x Tech: Supporting Experience and Reflection with Technology Tools

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3 Ideas on Use of Tech to Support Experience and Reflection in Remote Learning

1 Sound pedagogy before technology - The use of technology tools or online resources should support the achievement of learning outcomes.

2 In remote learning, all learning activities and resources are extension of the teacher and the teaching presence.

3

Leverage the use of online tools and resources to design for interaction and feedback.



Tools to Support Experience

Active, learner-centered, and interactive learning

Balancing Synchronous and Asynchronous Learning Activities


Synchronous Learning Experiences

SAME TIME, SAME S/SPACE

- Video conference discussions
- Class storytelling/story reading
- Teacher-paced quiz-type, gamified formative activities
- Demonstrations (e.g. Lab, or processes in Math etc)

Synchronous Learning Experiences

SAME TIME, SAME S/SPACE


Find a quiz Create a new quiz  Join a game


Legislative and Judicial Branch

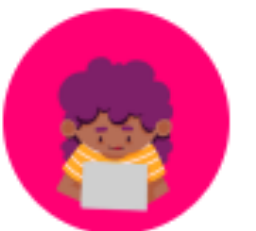
7 questions

Continue

Pick your game mode

 Team

 **Classic** ✓

 Test

Students answer at their own pace, compete individually, and have a blast along the way.

Assign to a class (optional)

Not assigned to any classes **SELECT**

<https://quizizz.com>

Synchronous Learning Experiences

SAME TIME, SAME S/SPACE

1/15 Streak 0

Which tense means *already happened*?

1 past 2 present 3 future 4 all of the above

Music on Zoom In

This screenshot shows a quiz question in a mobile application. The question is "Which tense means *already happened*?" and there are four multiple-choice options: "past", "present", "future", and "all of the above". The interface includes a top bar with a progress indicator (1/15), a streak counter (0), and a bottom bar with "Music on" and "Zoom In" icons.

2/15 Streak 1

16th 990

Rank	Name	Score
1	Mr. Gadget	1990 pts
2	Knuckles	1830 pts
14	Isabelle Keeler	1300 pts
15	Your not their	990 pts
16	JUSTINE BACERRA	990 pts
17	Deloise Lau	980 pts
18	VeeJaaYaa	980 pts
19	Tan Stallion	980 pts

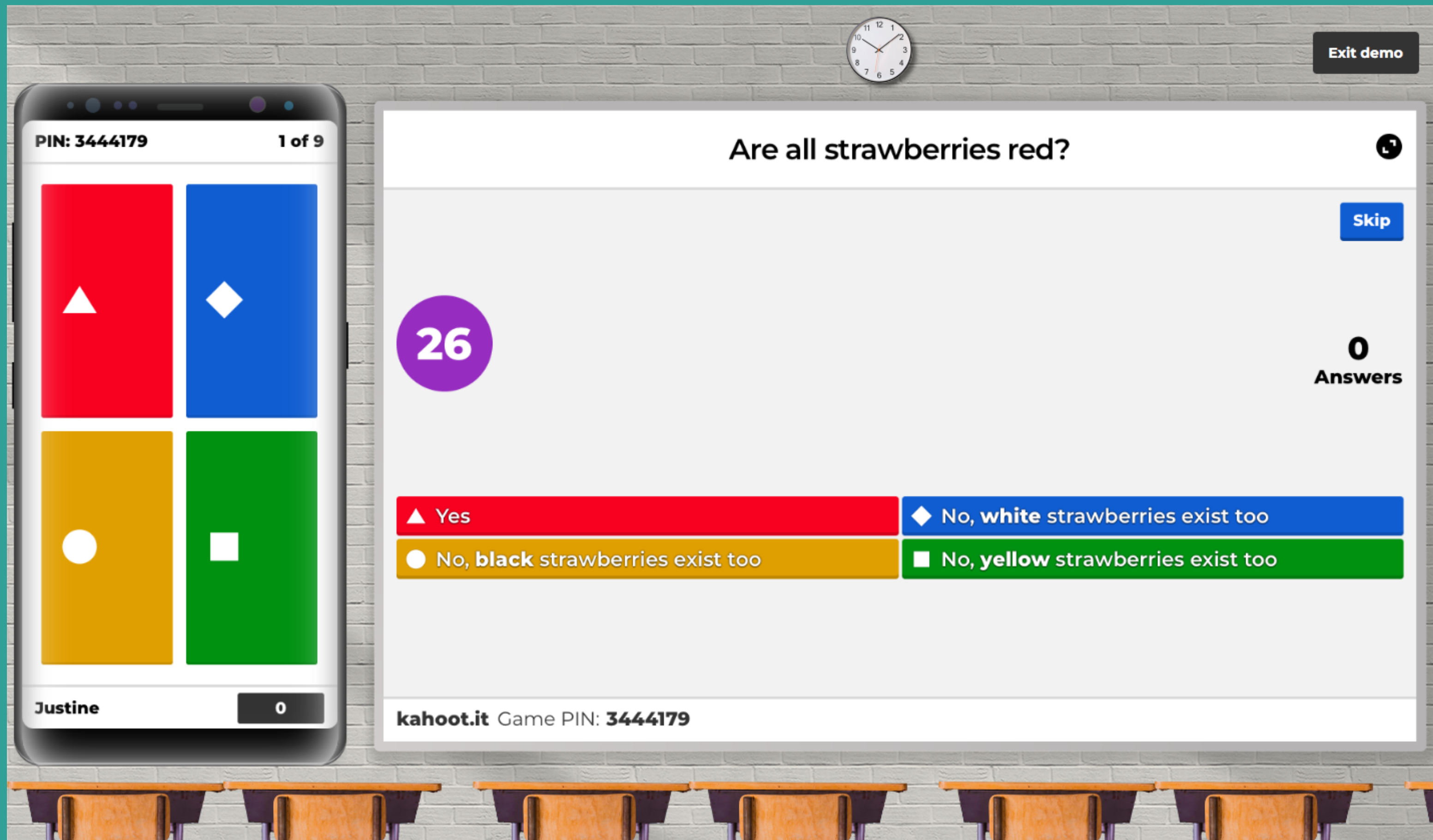
Music on Zoom In

This screenshot shows a quiz leaderboard in a mobile application. The user is ranked 16th with a score of 990 points. The leaderboard lists other players and their scores. The interface includes a top bar with a progress indicator (2/15), a streak counter (1), and a bottom bar with "Music on" and "Zoom In" icons.

<https://quizizz.com>


Synchronous Learning Experiences

SAME TIME, SAME S/SPACE



Synchronous Learning Experiences

SAME TIME, SAME S/SPACE


Find a quiz Create a new quiz  Join a game


Legislative and Judicial Branch

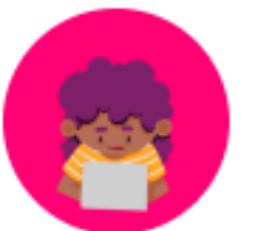
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<https://quizizz.com>

Activity Library

Community

My Library

4th Grade

All Subjects

Search 4th Grade Activities...

Getting Started with Seesaw in 4th Grade

5 Activities



Remote Learning: 4th Grade

30 Activities



Home Learning Ideas: K - 5th Grade

127 Activities



Trending Searches

Remote Learning

Angles

Creative Thinking

Place Value

Home Learning

Drawing

Word

Popular This Week in 4th Grade

View More



Seesaw
Mystery Science Mini Lesson - How Does...

5,439 22d ago



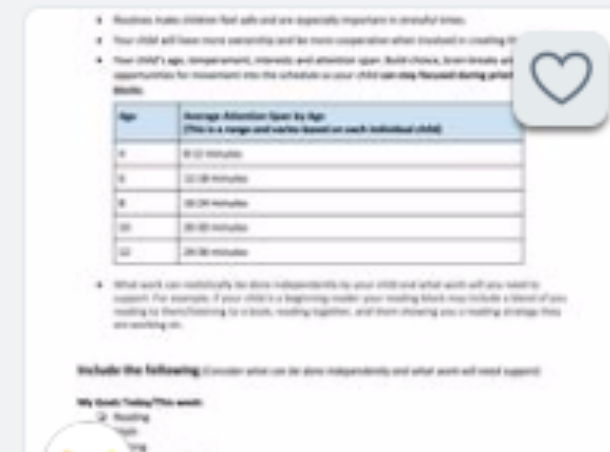
Seesaw
Mystery Science Mini Lesson - Can You Mak...

1,234 22d ago



Seesaw
Mystery Science Mini Lesson - How do...

942 22d ago



Seesaw
Family Home Learning Routine

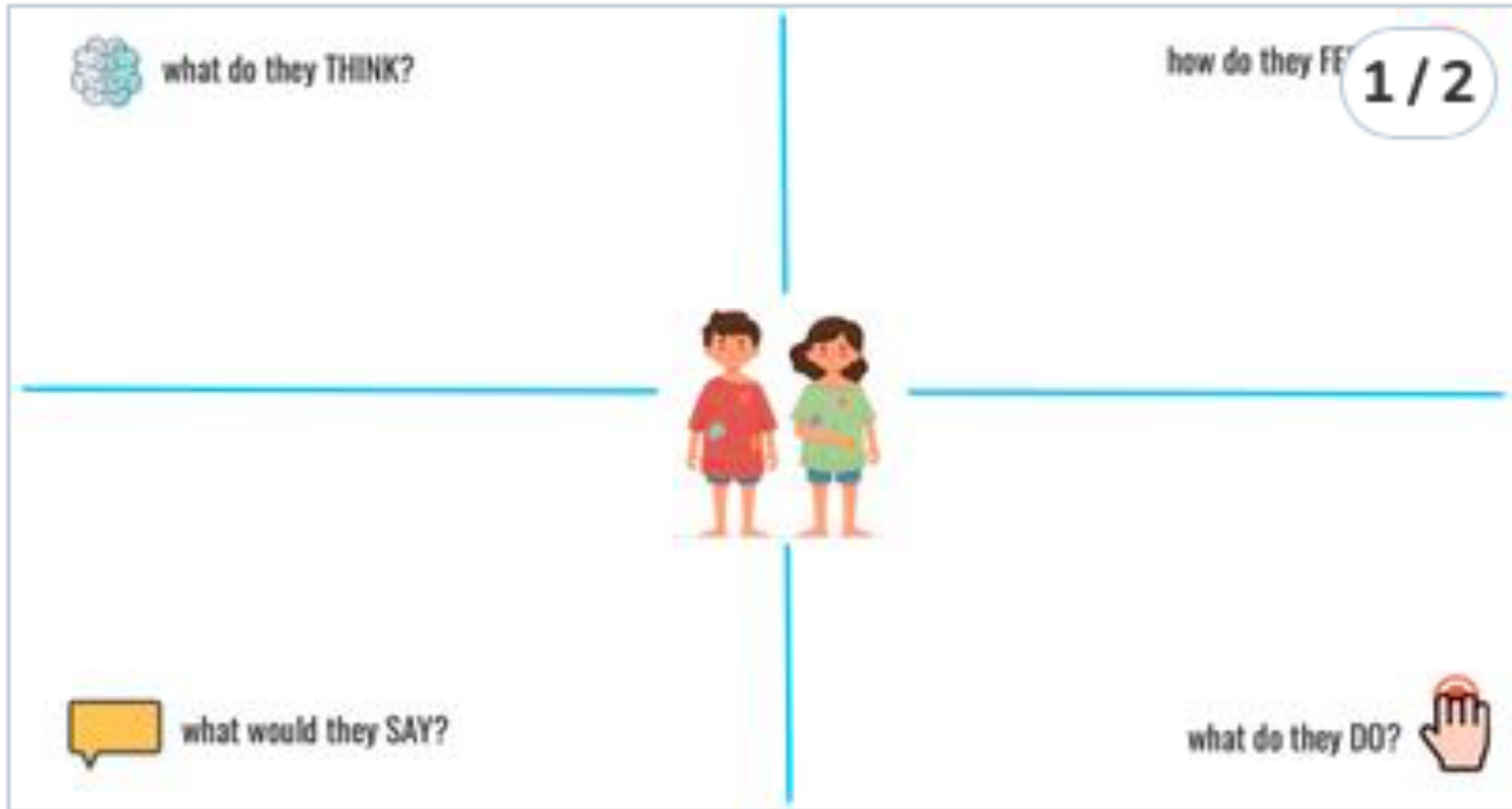
1,172 28d ago



Tara Rich
Social Studies Thursday: Battle of...

8 1d ago

<https://web.seesaw.me>



MARIE SELENE DOMINIQUE G. ESTARIS



Assign...

Student Instructions

Children's Rights Simulation

Fill in the empathy map with your thoughts and experiences during the activity.



Compatible with: Chromebooks, computers, iPads, iPhones, Android tablets, Android phones, Kindle Fire



Make a padlet

Start with a blank ...

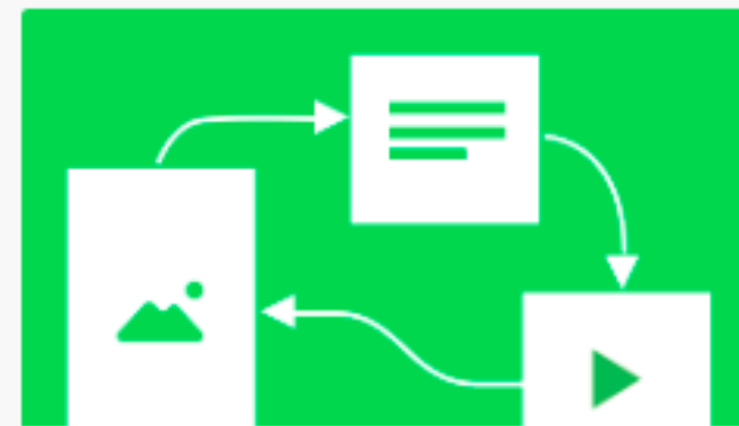


Wall

PREVIEW

Pack content in a brick-like layout.

SELECT



Canvas

PREVIEW

Scatter, group, and connect content in any way.

SELECT



Stream

PREVIEW

Streamline content in an easy to read, top-to-bottom feed.

SELECT



Grid

PREVIEW

Arrange content in rows of boxes.

SELECT



Shelf

PREVIEW

Stack content in a series of columns.

SELECT



Backchannel

PREVIEW

Communicate in a chat like environment.

SELECT



Map

PREVIEW

Add content to points on a map.

SELECT



Timeline

PREVIEW

Place content along a horizontal line.

SELECT



What do we know about Giraffes

KWL Chart

WHAT WE KNOW

They are from Africa

They are very tall



WANT TO KNOW

Where in Africa do they live?

What do they eat?

How to they sleep?

WHAT WE LEARNED

Where in Africa do they live?

Giraffes are the national animal of Tanzania.



What do they eat?

Giraffes are herbivores, which means they eat only plants. Their long necks allow them to reach leaves, buds and branches high up

The screenshot displays the Jamboard interface on a grid background. On the left, a vertical toolbar contains icons for drawing tools: a yellow pencil, a black eraser, a black arrow, a red lasso, and a plus sign. The main workspace contains several elements: the word "Pen" written in green cursive on a yellow highlight; a pink square with the word "note" in black; a yellow-outlined flower with a stem and leaf; a photograph of a yellow train in a tunnel with a blue border and a three-dot menu; the word "Text" in large yellow letters; the word "Mr." written in green cursive; a green scribble; and a yellow-outlined triangle. At the top center, a navigation bar shows a left arrow, a page indicator "1/4", and a right arrow.

Online Collaborative Suites

G Suite for Education

Microsoft 365

Apple iWork

Asynchronous Learning Experiences

DIFFERENT TIME, OWN S/PACE

- Reading online text-based resources
- Watching video-based resources
- Listening to audio-based resources
- Undergoing reading/thinking strategies
- Working with simulations or mixed realities
- Engaging in discussion forums/threads

Kids

7-year-old goes online to spread hope to kids with medical issues during pandemic

Present Save Read Aloud Share
Hide Print Add To Text Set



Activities

- MAX
- 840L
- 690L
- 560L
- 400L

Assign

Question 1 of 4

Correct Answer B

Which sentence from the article shows Integrative Touch for Kids' MAIN problem?

A Then, a few months ago, Sarah Rose fell off a horse and fractured her right hip.

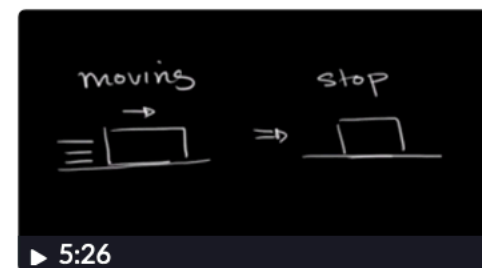
Correct Answer

B But then the novel coronavirus made it impossible for handshakes, let alone acupressure, and stay-at-home orders left many feeling secluded.

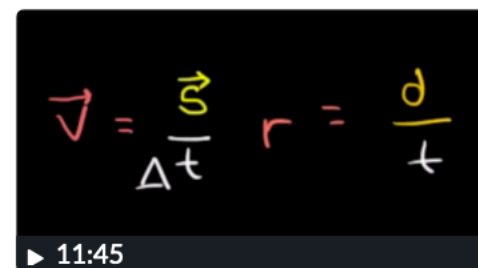
A brief introduction to physics

Physics is the study of the basic principles around us. We'll start by looking at motion, momentum, energy, and other concepts. To get the most out of physics, you'll need a basic understanding of algebra and trigonometry.

Top videos



Newton's first law of motion introduction
Newton's laws of motion



Calculating average velocity or speed
Displacement, velocity, and time



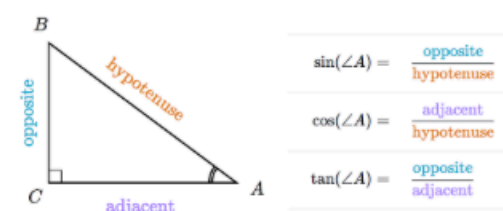
Displacement from velocity example
Displacement, velocity, and time

Math High school geometry

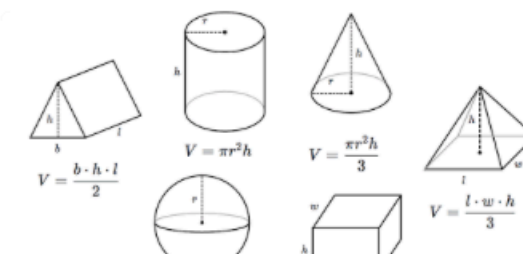
Updates coming!

We will update this course in late July with expanded Common Core standards coverage for high school geometry. Your mastery percentages will change, but you will keep your progress in the exercises where you've already worked.

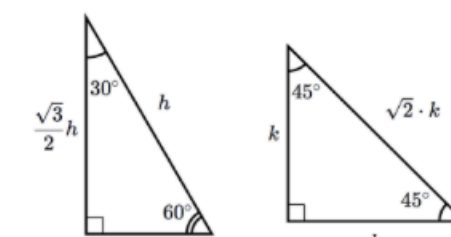
Review articles



Right triangle trigonometry review
Modeling with right triangles



Volume formulas review
Solid geometry intro



Special right triangles review
Special right triangles

AA SSS SAS

Triangle similarity review
Introduction to triangle similarity

$$\frac{a}{\sin(\alpha)} = \frac{b}{\sin(\beta)} = \frac{c}{\sin(\gamma)}$$

Laws of sines and cosines review
Solving general triangles



01:01
03:23

1 + Save

? [Checklist icon] [Comments icon]

Preview [Trash icon]

Add your multiple choice question below

B I U x^2 x_2 [Link icon] [Image icon] **fx**
Which factor did NOT cause the Dust Bowl?

✓
✗ **B I U** x^2 x_2 [Link icon] [Image icon] **fx**
Livestock destroying the soil

✓
✗ **B I U** x^2 x_2 [Link icon] [Image icon] **fx**
Drought

✓
✗ **B I U** x^2 x_2 [Link icon] [Image icon] **fx**
Over farming the land

Back

Solving Literal Equations Part 1

Remember:

In a **literal equation** we are looking for the relationship between variables. In the perimeter formula, sometimes we are given the perimeter and must solve for width. In the formula below, solve for the width in terms of perimeter and length.

$$P = 2l + 2w$$



$$P = 2l + 2w$$

$$-2l \quad -2l$$

$$\frac{P - 2l}{2} = \frac{2w}{2}$$

$$w = \frac{P - 2l}{2}$$

Algebra EETI Grant

YouTube

Solve for L in the following formula. $P = 2L + 2W$

$L = 2P + 2W$

$L = (P + 2W) / 2$

$L = (P - 2W) / 2$

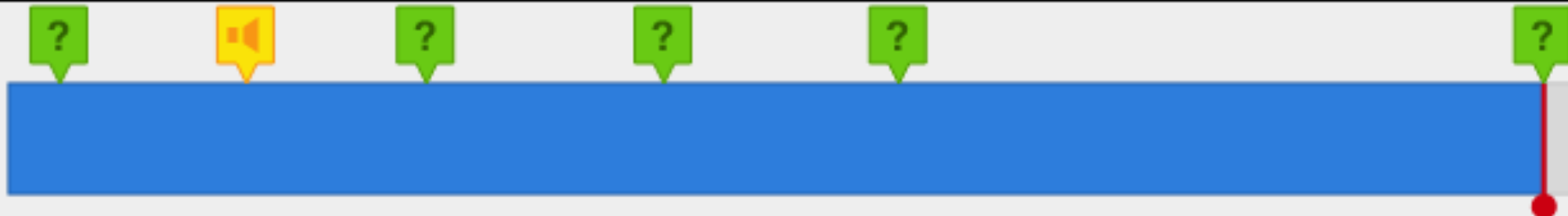
$L = (2W - p) / 2$

Solve for b in the following. $A = bh$

Submit

Skip

Rewatch



02:48

02:52

0:53

✓ 64

Switch template

INTERACTIVES

Balloon pop

Match up

Find the match

Crossword

Quiz

Show all

PRINTABLES

PDF

Quiz

Match up

Crossword

Wordsearch



Find out about our templates

Select a template to learn more



Match up
Drag and drop each keyword next to its definition.



Random wheel
Spin the wheel to see which item comes up next.



Quiz
A series of multiple choice questions. Tap the correct answer to proceed.



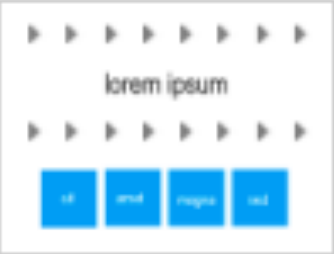
Whack-a-mole
Moles appear one at a time, hit only the correct ones to win.



Group sort
Drag and drop each item into its correct group.



Hangman
Try to complete the word by picking the correct letters.



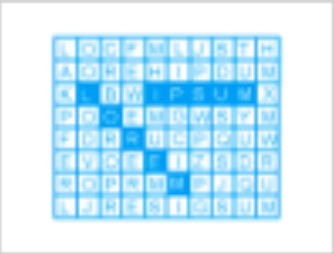
Find the match
Tap the matching answer to eliminate it. Repeat until all answers are gone.



Anagram
Drag the letters into their correct positions to unscramble the word or phrase.



Open the box
Tap each box in turn to open them up and reveal the item inside.



Wordsearch
Words are hidden in a letter grid. Find them as fast as you can.



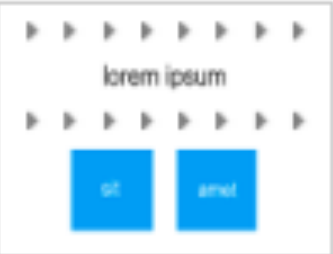
Balloon pop
Pop the balloons to drop each keyword onto its matching definition.



Crossword
Use the clues to solve the crossword. Tap on a word and type in the answer.



Unjumble
Drag and drop words to rearrange each sentence into its correct order.



True or false
Items fly by at speed. See how many you can get right before the time runs out.



Labelled diagram
Drag and drop the pins to their correct place on the image.



Missing word
A cloze activity where you drag and drop words into blank spaces within a text.



Gameshow quiz
A multiple choice quiz with time pressure, lifelines and a bonus round.



Random cards
Deal out cards at random from a shuffled deck.

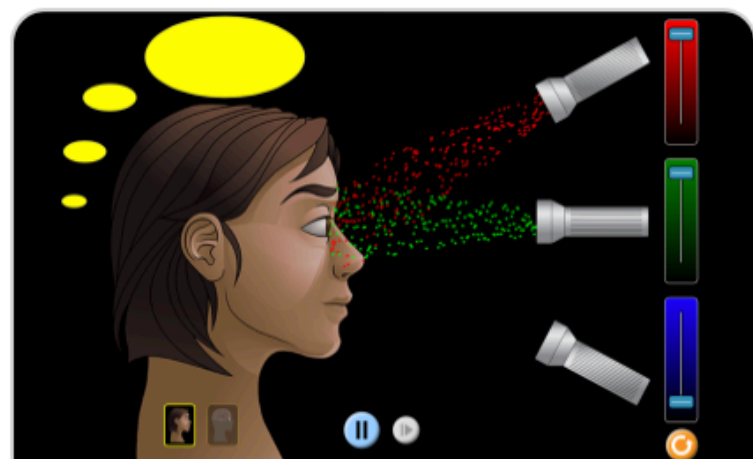
SUBJECT



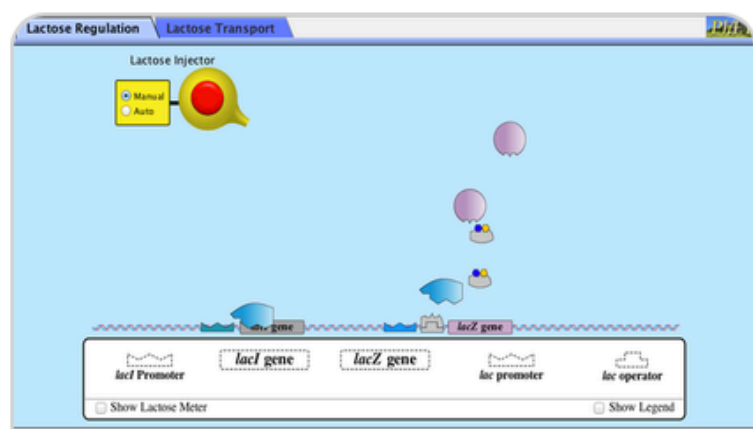
19 Results

- Physics
 - Motion
 - Sound & Waves
 - Work, Energy & Power
 - Heat & Thermo
 - Quantum Phenomena
 - Light & Radiation
 - Electricity, Magnets & Circuits
- Chemistry
 - General Chemistry
 - Quantum Chemistry
- Math
 - Math Concepts
 - Math Applications
- Earth Science
- Biology

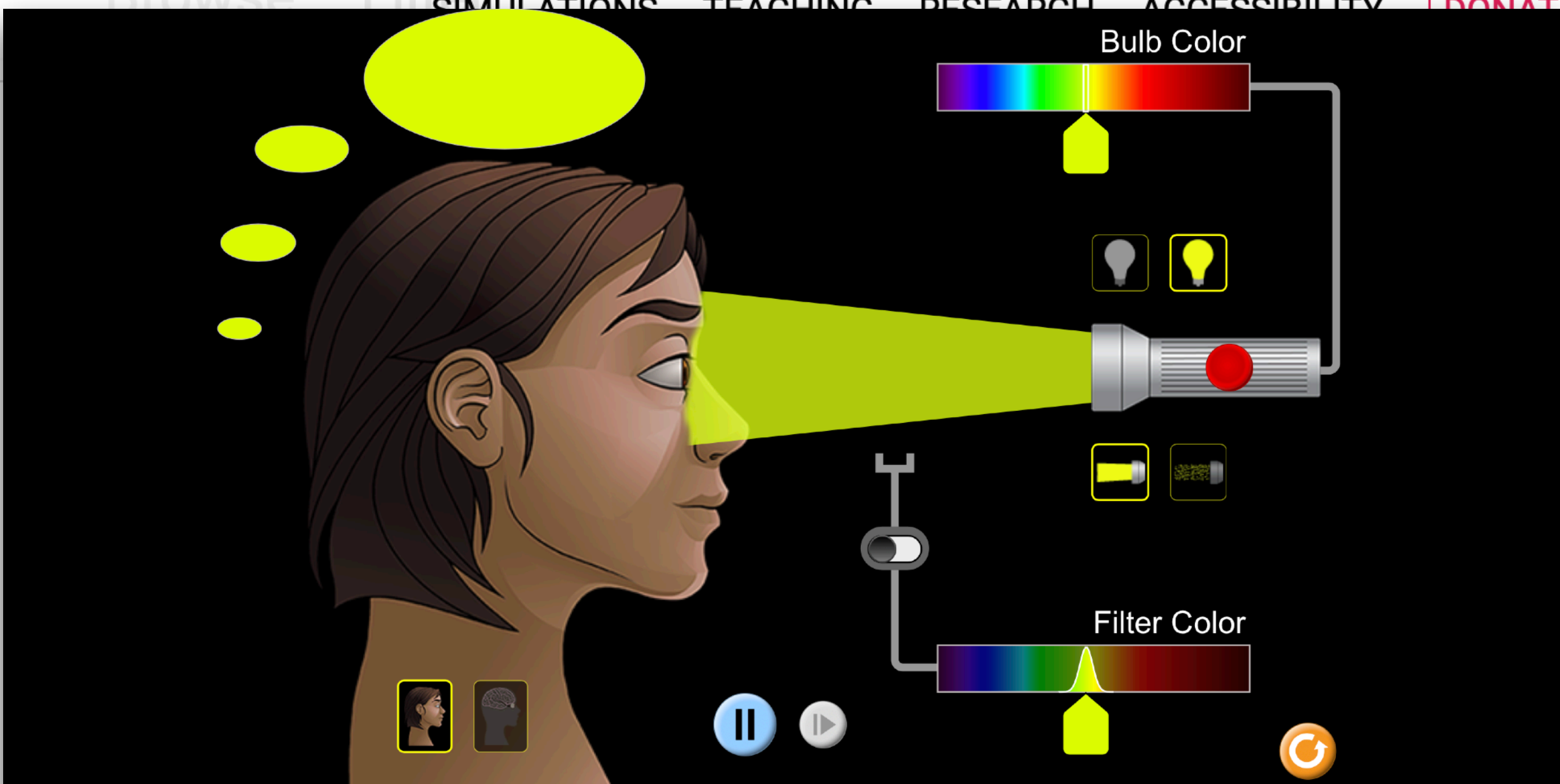
Biology



Color Vision

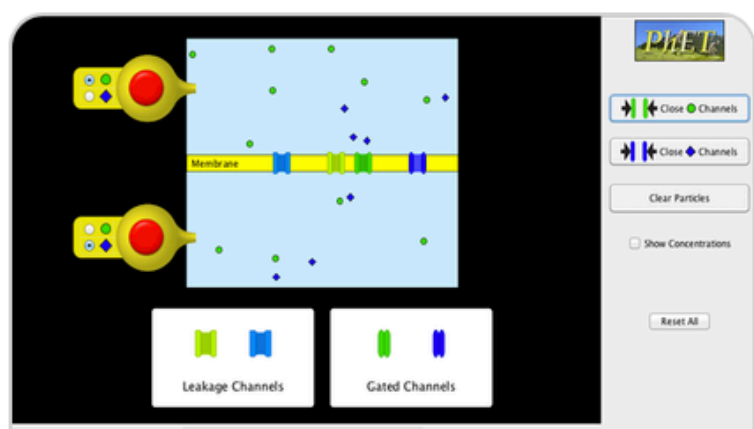


Gene Machine: The Lac Operon

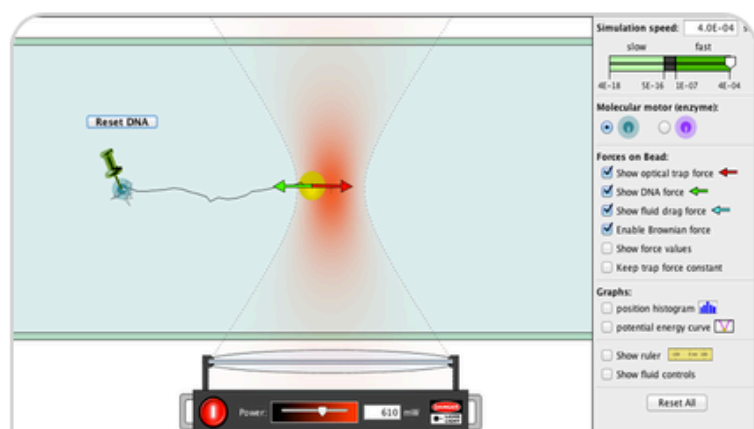


Color Vision

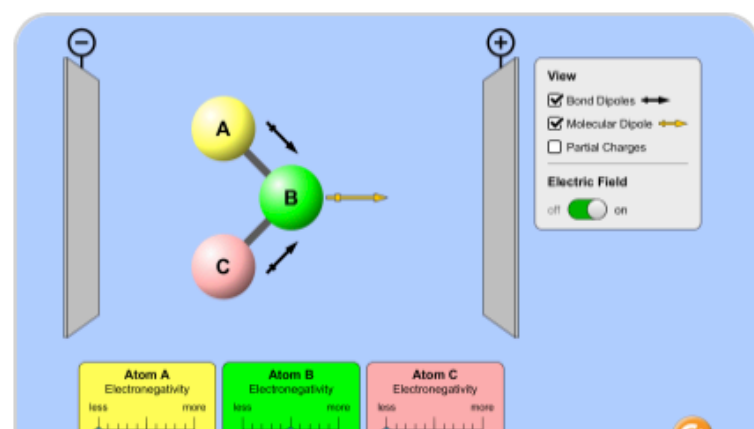
Single Bulb RGB Bulbs



Membrane Channels



Molecular Motors



Molecule Polarity

GRADE LEVEL +

COMPATIBILITY +

ACCESSIBILITY +

Setup

GAME INFO

MISSIONS

PARTICIPANTS

START & STOP

In-Game

ACTIVITY FEED

LEADERBOARD

SUBMISSIONS

GAME CODE

NQ5746

Cookie Policy

Missions

ADD MISSION

MISSION LIST

MISSION BANKS

MY PREVIOUS MISSIONS

Mission banks are an easy way to add pre-created missions to your game public or your own personal mission bank.



GooseChase Bank

Search missions



40 years strong

Find a couple that has been married for 40+ years. Snap



Back in Black

Find two black cars side by side.



Beautiful Mind

Prove a well-known mathematical theorem on a chalkboard.



Brilliant!

Snap a shot of a teammate standing under a lightbulb as if coming up with a brilliant idea.

400 Points

Add

265

1

301

1

310

1

Sup



*Label It!

400 Points

Create a label for your mailbox. Start with a white label, write your name, decorate as needed. Then stick it to an empty slot on one of the blue mailboxes. Take a picture of it when finished.



*Magnetize!

400 Points

Design your magnet for the Would You Rather board. Instructions are on the back tables by the window. When finished, take a picture of your magnet on the Would You Rather board.



*What are we doing today?

100 Points

You'll never need to ask this question again! Take a picture of the Daily Agenda for the class bookmarked on your Bookmarks Bar. (Thursday Activity)



A Soft Pillow to Land On

200 Points

Anyone is welcome to use Mrs. P's pillows...they just need to be put back when done. Take a picture of where the pillows go at the end of the period.



A Visit to the Library

400 Points

Take a selfie in your favorite part of the library.

App Smashing: Combining Apps to Design Better Learning Experiences

Camera/
Video-
Making app/
YouTube
Video



EdPuzzle

For PE, Music, Arts and other subjects



Tools to Support Reflection

Always have a good prompt or question

Synchronous Learning Experiences

SAME TIME, SAME S/SPACE

The screenshot displays the Mentimeter web interface. At the top, there is a navigation bar with 'Home / Sample', a 'Saved' status, the Mentimeter logo, and buttons for 'Share' and 'Present'. Below this is a secondary bar with '+ Add slide' and 'Import' buttons, along with 'Examples', 'Themes', and 'Configure' options. The main area is split into three sections: a left sidebar with a list of five slides, a central presentation slide, and a right sidebar with question type options. The central slide is green and contains the text 'Go to www.menti.com and use the code 39 88 19' and 'Sample Presentation'. The left sidebar shows slides with titles like 'Sample Presentation', 'What's the date today?', 'How many SS teacher...', 'Who's the next SS birt...', and 'What's the new websit...'. The right sidebar is titled 'Type' and lists various question types: Multiple Choice, Word Cloud, Open Ended, Scales, Ranking, Image Choice, Q&A, Select Answer, and Type Answer. At the bottom, there is a 'Your presentations' link and a 'Pro tip!' message.

Home / Sample

✓ Saved

Mentimeter

Share

Present

+ Add slide

Import

Examples

Themes

Configure

1 Sample Presentation

2 What's the date today?

3 How many SS teacher...

4 Who's the next SS birt...

5 What's the new websit...

Go to www.menti.com and use the code 39 88 19

Sample Presentation

Popular question types ?

Multiple Choice

Word Cloud

Open Ended

Scales

Ranking

Image Choice

Q&A

Quiz Competition ?

Select Answer

Type Answer

Content slides ?

Heading

Paragraph

Bullets

Your presentations

Pro tip! While presenting, use the settings menu to the left to find more features

<http://mentimeter.com/>

Topic Details




Weekly Check-Ins

 Share

Actions ▾



May 14, 2020

 Flip Code: [9252aa09](#)

 [Add Topic Guests](#)

Use this space to share your week's experiences. Consider talking about your learning in different subject areas, as well as other extra curricular activities like sports and after school happenings. Use these questions to guide you:

What were some things that went well for you this week? What challenged you?

What are some goals you are going to work on for next week? What support might you need to meet them?





Aiden M May 1
Hillary Rodham Clinton



Smith M May 1
Thomas Jefferson



Nolen J May 1
Neil Armstrong



Alice M May 1
Rosa Parks



Nate G May 1
Sitting Bull



Margaret R May 1
Michelle Ewan



Walker G May 1
Martin Luther King Jr.



John Michael S May 1
Lyndon B. Johnson



Sam D May 1
Henry Ford



Thinking Routines

JUSTINE M. BACERRA
Teacher - 1 Class

Journal

Using Seesaw For Home Learning? [Get Home Learning Codes](#)

Journal Activities Inbox Skills

01 ANG, MATTEO ELIJAH TAN 2 items

02 BAUTISTA, KALEL MITCHEL SORIANO 2 items

03 CALUBAD, JOSHUA RAFAEL YANG 1 item

04 CARLOS, CARMELO ANTHONY GONZALES 1 item

05 CHAN, YUAN GABRIEL CO 3 items

06 CHING, CALVIN GERALD LIU 2 items

07 DE JOYA, JADEN JAMES CHING 3 items

08 DECENA, MIGUEL III DE LOS SANTOS 1 item

Students Families

Mar 5, 2019

Nice drawing, Matteo!

01 ANG, MATTEO ELIJAH TAN

The screenshot shows a Seesaw journal entry for a class of 1C students. The entry is titled "Using Seesaw For Home Learning?" and features a drawing of two stick figures. One figure is holding a red scribble, and the other is holding a green scribble. The drawing is dated Mar 5, 2019. A comment from the teacher says "Nice drawing, Matteo!". The right sidebar shows a list of students and their item counts. At the bottom, there are buttons for "Students" and "Families".

JUSTINE M. BACERRA
Teacher - 1 Class

Journal

Using Seesaw For Home Learning? [Get Home Learning Codes](#)

Journal Activities Inbox Skills

20 TAN, ANSON 2 items

21 TAN, MELVIN JOHAN SINGSON 2 items

22 TAN, VANCE KORVIN CHUACOKIONG 2 items

23 TANG, KENJI THEODORE LAO 2 items

24 TAY, NICHOLAS JOSEPH BERSAMIN 2 items

25 TIU, SEAN JACOB YU 3 items

26 TONGCO, KAI SAMUEL LIM 1 item

Students Families

Mar 5, 2019

Like Comment

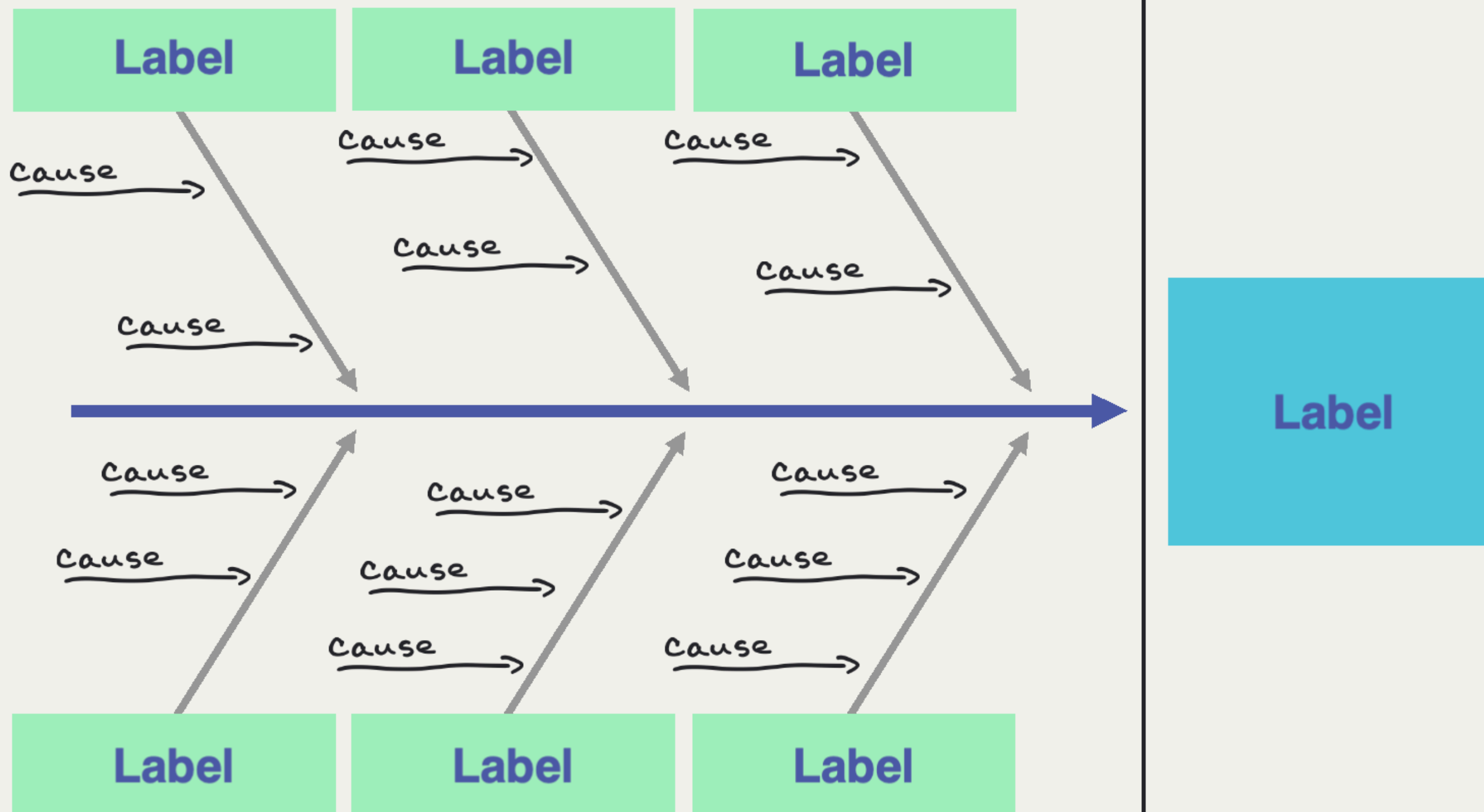
24 TAY, NICHOLAS

The screenshot shows a Seesaw journal entry for a class of 1C students. The entry is titled "Using Seesaw For Home Learning?" and features a video of a student. The video is dated Mar 5, 2019. The right sidebar shows a list of students and their item counts. At the bottom, there are buttons for "Students" and "Families".

<https://web.seesaw.me>

Cause

Effect



100%



Make a padlet

Start with a blank ...

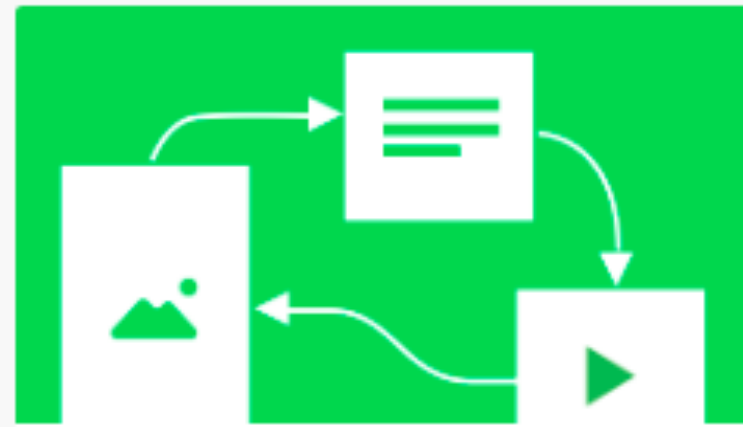


Wall

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SELECT



Canvas

PREVIEW

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Shelf

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Stack content in a series of columns.

SELECT



Backchannel

PREVIEW

Communicate in a chat like environment.

SELECT



Map

PREVIEW

Add content to points on a map.

SELECT



Timeline

PREVIEW

Place content along a horizontal line.

SELECT



What do we know about Giraffes

KWL Chart

WHAT WE KNOW

They are from Africa

They are very tall



WANT TO KNOW

Where in Africa do they live?

What do they eat?

How to they sleep?

WHAT WE LEARNED

Where in Africa do they live?

Giraffes are the national animal of Tanzania.



What do they eat?

Giraffes are herbivores, which means they eat only plants. Their long necks allow them to reach leaves, buds and branches high up

Discussion Forum/Thread (Text-based)

Most LMS have features to support threaded discussions. It is important to have a set of discussion forum guidelines.



Options for Non-Online DE

Design of the printed modules matters

Provide means of feedback

Context before content

IPP x Tech: Supporting Experience and Reflection with Technology Tools

Francis Jim B. Tuscano

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Apple Professional Learning Specialist, Apple Distinguished Educator

Digital Learning Specialist and Consultant

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