

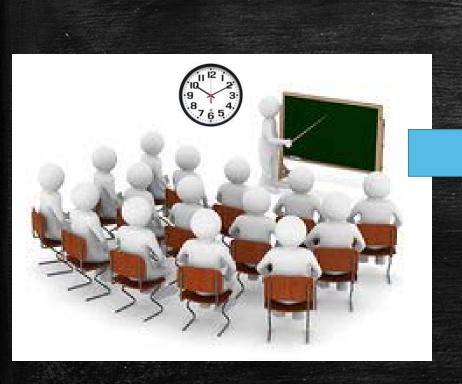


Apps & Programs to Support Independence & Mastery in a Blended Learning Model

Heather Loree Connect 2017























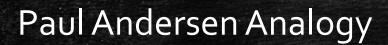
Images from <u>www.123rf.com</u> & CanStockPhoto







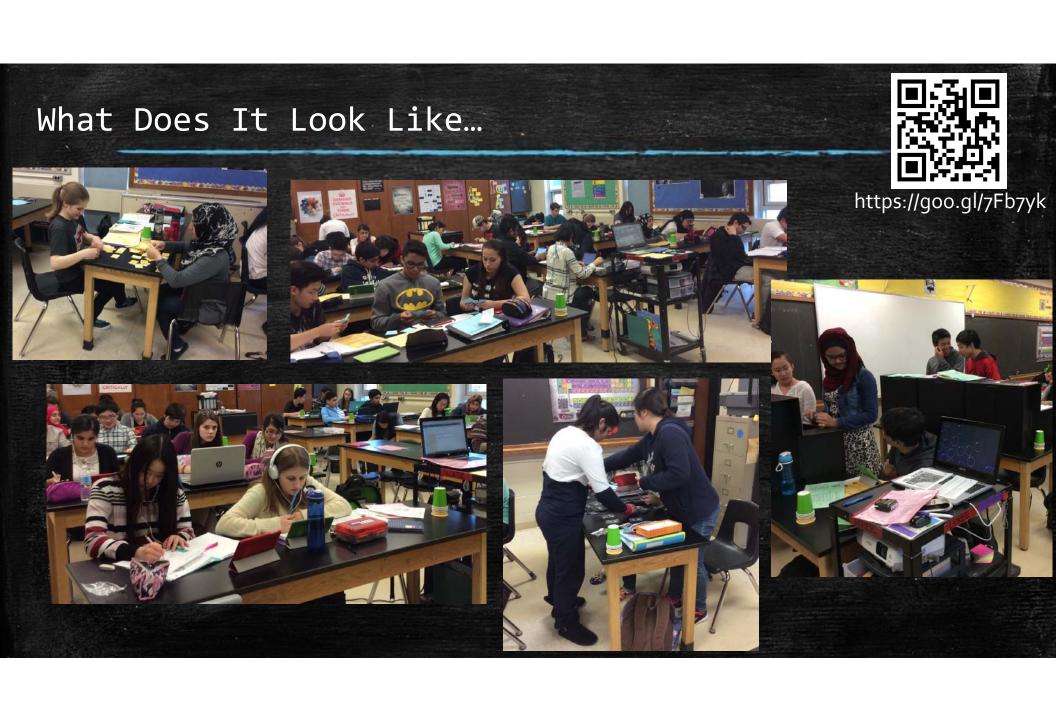


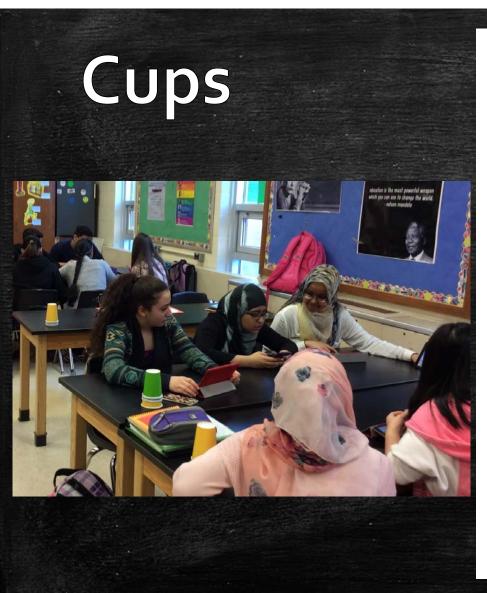






Images from www.clipartpanda.com, www.dreamstime.com, www.canstockphoto.com, www.acclaimclipart.com, interactioninstitute.org





Show Me A Cup

GREEN:

I'm focused & learning

YELLOW:

I have a question, but can keep going until it is answered

RED:

Emergency, I can't move forward without help

BLUE:

I have something ready to be checked

PURPLE:

I want to tell you something, but it may not be related to the course













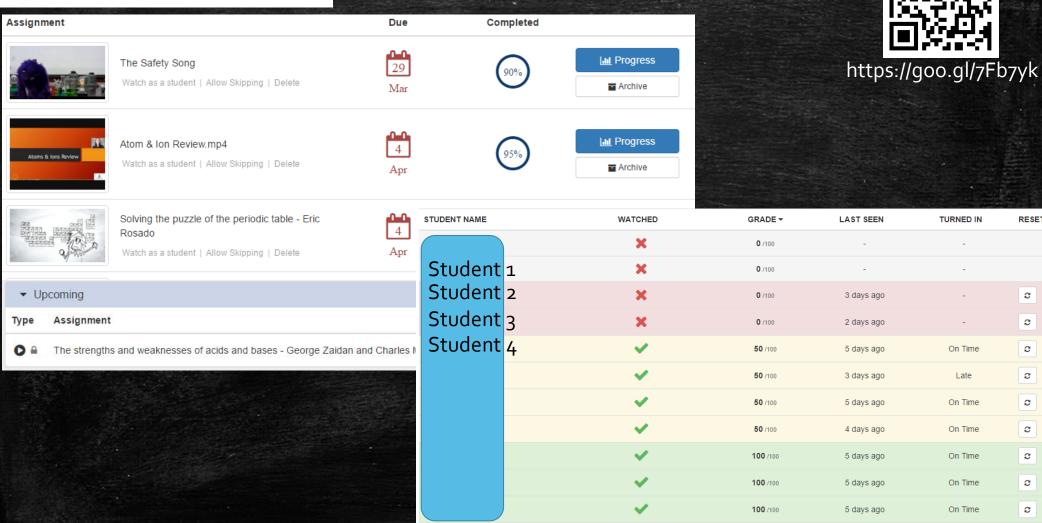




- Lesson/Content Delivery
- Interactive
- Self-paced
- Accountability
- Make your own or pre-made

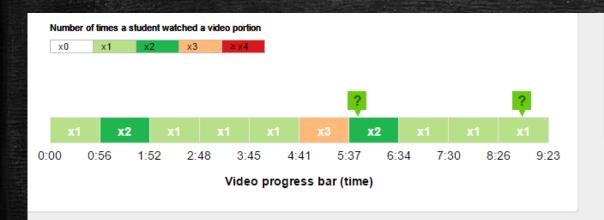












 Video Watched
 Correct responses
 Grade

 100%
 2/2
 100/100

submitted responses: 2/2

Quiz #1 at 5:48

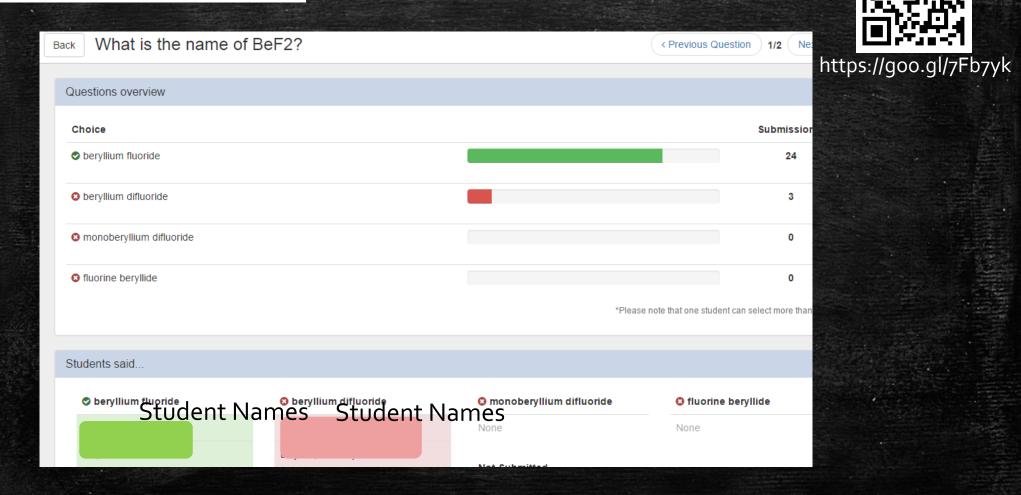
Question #1 What is the name of BeF2?

- ightarrow beryllium fluoride
 - ☐ beryllium difluoride
 - monoberyllium difluoride
 - ☐ fluorine beryllide



0 comments





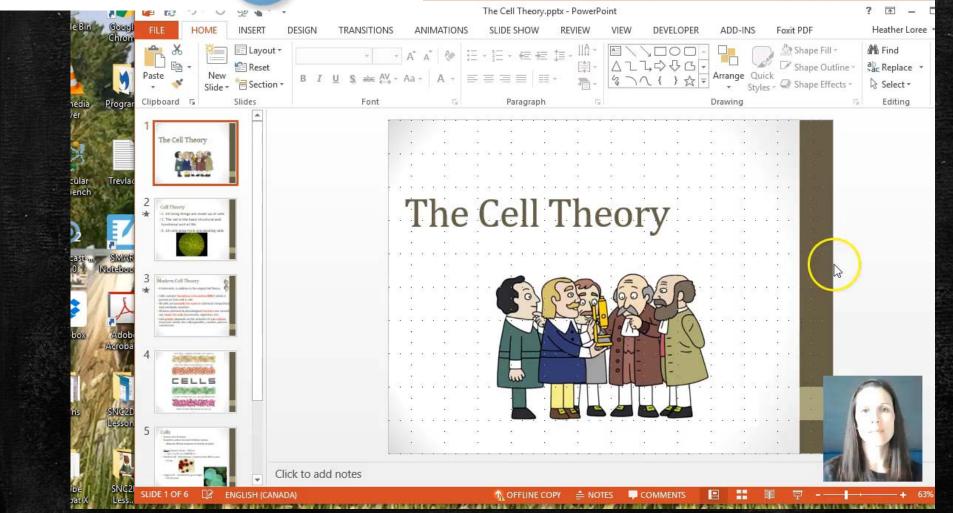




- Screen Capture Tool
 - Lessons
 - Lab instructions
 - Reading articles
 - Project explanations
- Edit Tools (\$15/yr)









Explain Everything



- Interactive Whiteboard
- Individualized expression of learning
- Record, capture, annotate, create
- Assess process & final product





Explain Everything

5

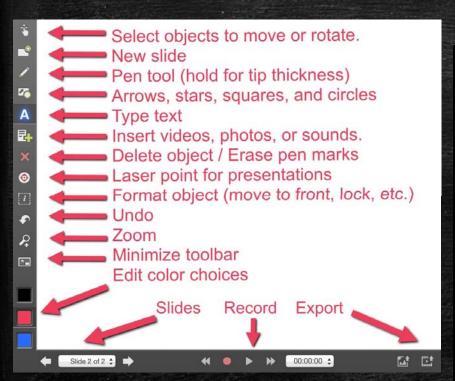
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https://goo.gl/7Fb7yk



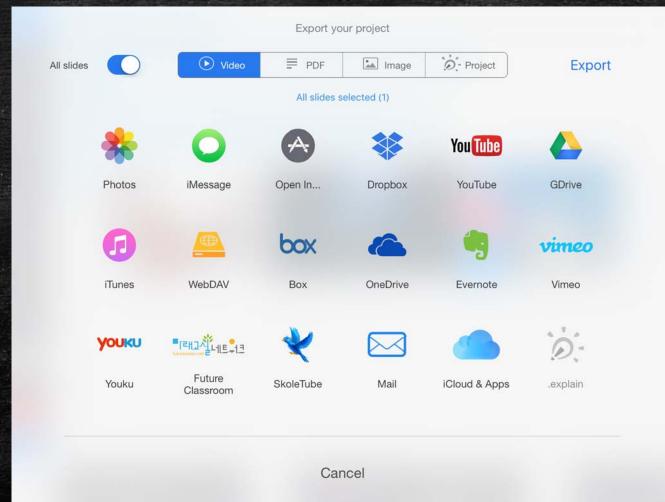
Safety Project

- 1. Put safety glasses on
- 2. Take off loose clothing
- 3. Put chemicals in waste bucket





Explain Everything





https://goo.gl/7Fb7yk



Notability

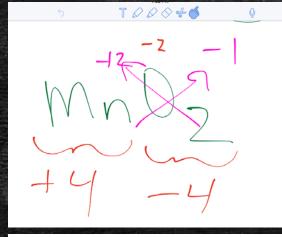


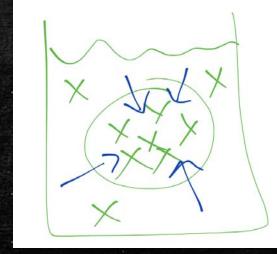
- Teaching Observations & Annotations
- Document conversations, observations, interactions...
- Record specific data continually
 - examples, extra help, questions, progress

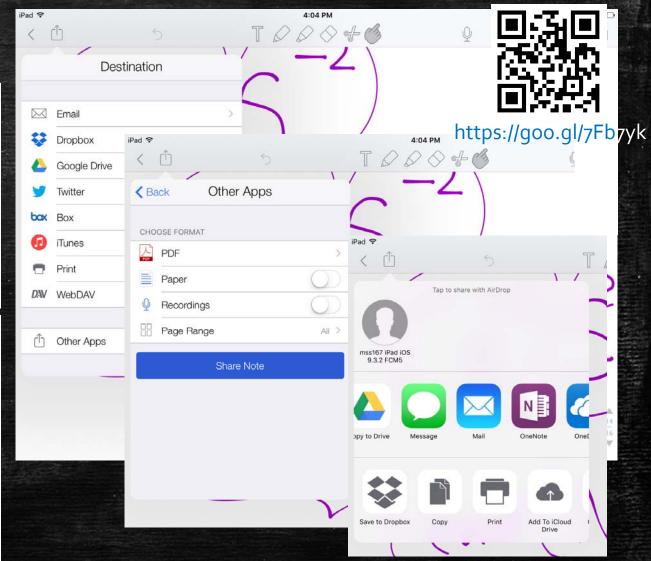




Notability













- Mastery Checks
- Low-stakes quizzes/assessments
- Multiple attempts
- Instant feedback



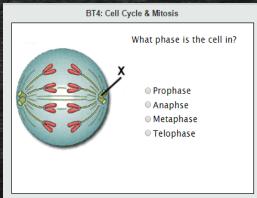


CT8 Acids & Bases

Acids are found on the pH scale between the numbers

- 0 7-14
- 0-7
- 4-9
- 0-14



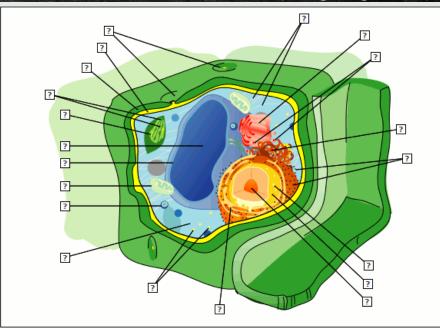


	2L BT4: Char	acterisitcs M&M
	Clear Match	The Values OK
1.	Cells getting bigger	Getting energy
2.	Cellular respiration	Growth & development
3.	Characteristics of life	Cells
4.	Getting rid of waste	Adaptation
5.	Producing babies	Homeostasis
6.	Scream when burn finger	Must to ALL of them to be alive
7.	Suited to surroundings	Respond to stimuli
8	The building blocks of	Reproduction

1.	Cells getting bigger		Growth & development	
2.	Cellular respiration		Getting energy	
3.	Characteristics of life		Adaptation	
4.	Getting rid of waste		Cells	
5.	Producing babies	\leftrightarrow	Reproduction	
6.	Scream when burn finger	\leftrightarrow	Respond to stimuli	
7.	Suited to surroundings		Must to ALL of them to be alive	
8.	The building blocks of life		Homeostasis	



https://goo.gl/7Fb7yk



Cell wall Cytoplasm Filamentous cytoskeleton Golgi body Golgi vesicles
Mitochondrion Nuclear envelope Nuclear pore Nucleolus Peroxisome
Plasma membrane Plasmodesmata Ribosomes Rough endoplasmic reticulum
Small membranous vesicles Smooth endoplasmic reticulum Starch grain
Thylakoid membrane Tonoplast Vacuole



BT2: Diffusion & Osmosis BT3: Cell Diagrams

BT3: Cell Diagrams

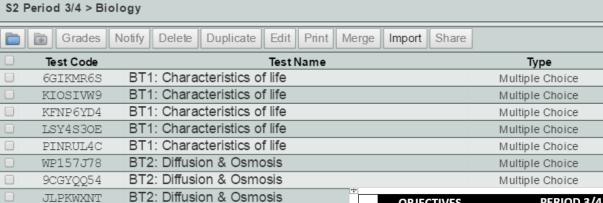
BT3: Cell Diagrams

9HB66QVO

9P5AC68Y

486T12Z4

8Z603MTD

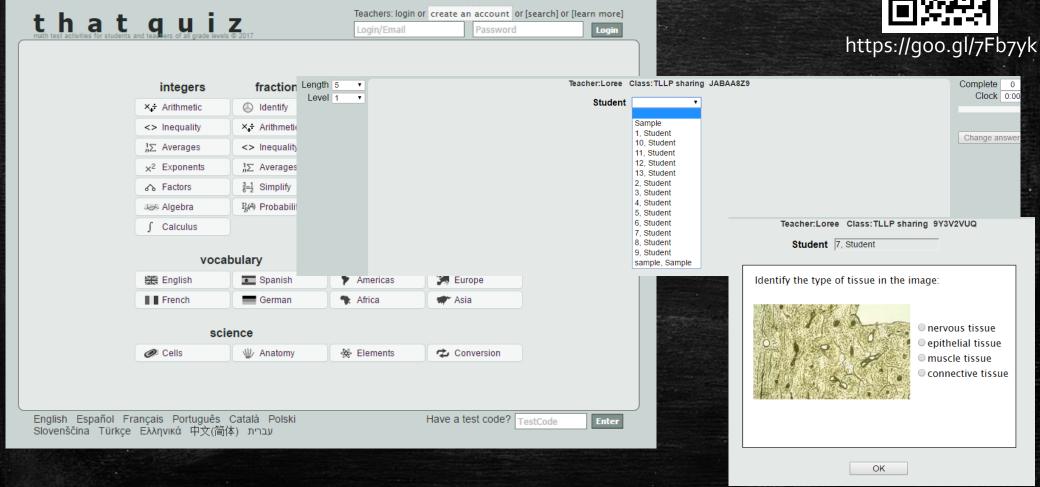




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l L		OBJECTIVES	PER	IOD 3/4	PERIO	OD 5/7	PERIOD 8/9												
	1	Safety:	4GL	L4K8U	PEEN	M124E	QRN	9X6LG											
			Elements	Atoms & Table	Elements	Atoms & Table	Elements	Atoms & Table											
	2	Elements, Atoms & The Periodic Table:	XVKYF1DJ	JSLJZ6UY	RV2ZV93G	A759KUEW	A93RED8J	H10L3L55											
	3	Ionic Compounds:	J68	BNZ42	8BZ\$	SU2P3	O4DBXLKA												
	4	Covalent Compounds	Н8 9	BAXWF	4EDI	KZ2MQ	ZOIHQKOL												









Score	33%
Completed	6
Unanswered	0
Right	2
Wrong	4
Time	1:00
Seconds per problem	10

Missed problems

(Your answer in parenthesis)

Q) Which WHMIS symbol should be used for Hydrochloric acid, a chemical that can damage metals as well as skin and eyes? A) Corrosive (Poisonous)

Q) A diamond containing an exclamation mark is the WHMIS symbol for? A) May cause less serious health effects (Can cause death with short exposure)

Q) A chemical's characteristics (odor, appearance, etc) will be listed on the MSDS under: A) Physical data (Product identifier)

Q) What is the purpose of WHMIS? A) To provide information about the Hazardous Materials used in the workplace (To provide information about Hazardous materials used in households)



https://goo.gl/7Fb7yk

A, Mansi 2016.03.02 13:16 BT5: Cancer [QVJ36AFB]

Percentage: 100 Points: 6/6

Completed: 6, Unanswered: 0, Clock: 3:22, Average Time: 33.67 Correct: 6, Incorrect: 0

A, Mansi 2016.03.11 13:35 BT7: Tissues [E8WEEYPA]

Percentage: 67 Points: 4/6

Completed: 6, Unanswered: 0, Clock: 7:16, Average Time: 72.67 Correct: 4, Incorrect: 2

Incorrect Answers:

12A. Which tissue has the following characteristics: spindle-shaped cells, involuntary movement, and no striations? : smooth muscle (skeletal musc 15A. Identify the type of tissue in the image: : connective tissue (epithelial tissue)

A, Mansi 2016.03.21 13:20 BT6: Cell Specialization & Stem Cells [1PJLMK6W]

Percentage: 100 Points: 5/5

Completed: 5, Unanswered: 0, Clock: 3:14, Average Time: 38.8 Correct: 5, Incorrect: 0

A, Mansi 2016.03.21 13:36 BT8: Organ Systems [Q9DFXODB]

Percentage: 88 Points: 7/8

Completed: 8, Unanswered: 0, Clock: 1:55, Average Time: 14.38 Correct: 7, Incorrect: 1

Incorrect Answers

1. Q) Hairs in the skin belong to which body system? A) Integumentary (Nervous)

A, Mansi 2016.03.22 15:20 BT7: Tissues [BA6UDA25]

Percentage: 100 Points: 6/6

Completed: 6, Unanswered: 0, Clock: 2:01, Average Time: 20.17 Correct: 6, Incorrect: 0



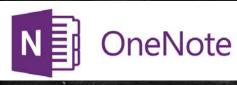
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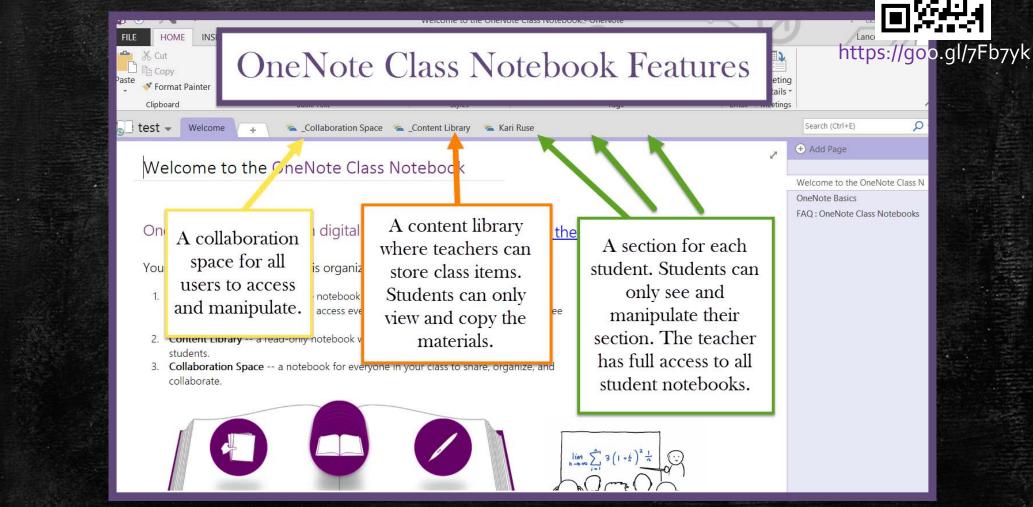




- Digital Portfolio
- Timely feedback
- Document learning & progress
- Individualized tasks
- Group discussions & collaboration



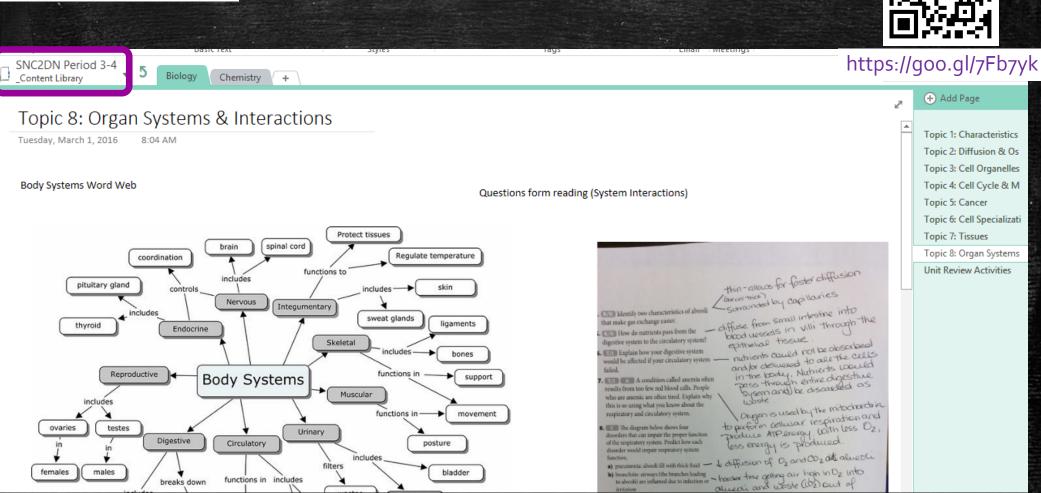


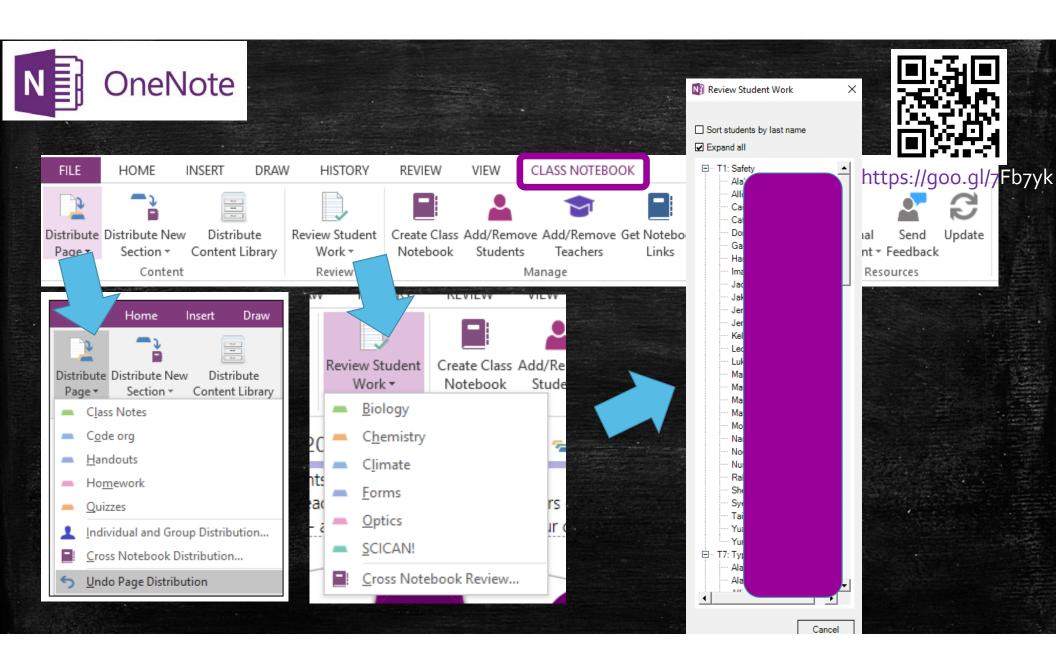




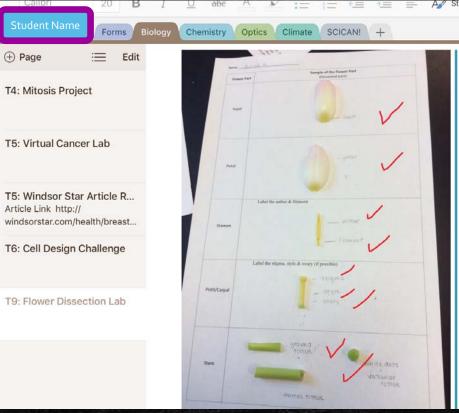
breaks down

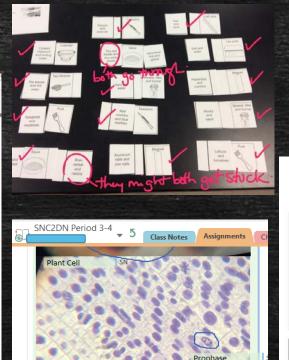














ione descriptions icorrect or ucque dos cription

move details needed (what? How? why?)

- cartivating but no images quotes

Special Specia

Excellent idea for Story Some Key details to demonstrate understanding of process missing



_Collaboration Space

Biology Unit Online Chat - Thursday Mar 9 7:30-8:30

March 9, 2017 8:16 AI

Questions	Answers
Identify the type(s) of tissue found in the heart. (a) epithelial (b) muscle (c) nerve (d) all of the above	d) The heart has all of the mentioned tissues
When looking at two samples of cells, how can you tell that cell division is more rapid in one sample than in the other?	You will see more phases of mitosis when the cell division is occurring
Does injecting mediatized cancer cells into someone's blood stream <u>always</u> result in cancer? Or is there a chance that the body rejects the foreign cells and simply lets it go?	No it does not ALWAYS result in cancer. There is a chance that the cell could be filtered out by the kidneys, or that it does not implant, or that it does not recruit other cells to be cancerous.
Can Cells of benign tumours can break away from the original tumour and move to different parts of the body.	No, this is only true of malignant tumors.
Can benign tumours turn into malignant tumours?	Yes they can, but they do not always.
Are the spindle fibres formed in Prophase or Metaphase?	They begin formation in prophase, but attach to centromeres in metaphase
During mitosis in plant cells, is new cytoplasm created to make the 2 daughter cells the same size or are the daughter cells smaller than the original?	The daughter cells are roughly the same size as the mother (original) cell.
n an animal cell, how do we differentiate between lysosome, vacuole, and vesicle in terms of their size and shape?	Unless it is a really good microscope picture you can't really. The rule of thumb is, it is most likely not going to be a vacuole if it is an animal cell (most do not have them). If it is a "bubble" coming from the Golgi or ER or very close to is a vesicle, but those floating in the cytoplasm could be either lysosome or vesicle.
farteries are the blood vessels leaving the heart, while the veins are going towards t, does that mean that the arteries are oxygenated and vice versa for the veins?	Most of the time, but that is not always true. When the blood leaves the heart to go to the lungs it is deoxygenated because it has just come back from the body. Otherwise, arteries do carry oxygenated blood. Vice versa for veins
What actually are nephrons?	They are a small functional units within the kidney - the part responsible for filtering the blood. Proximal convoluted ubuse Efferent capitaries Corriex Renal pyramid Medulla Medulla Proximal convoluted capitaries Convoluted tubule Loop of Henle Vasa recta



A.A

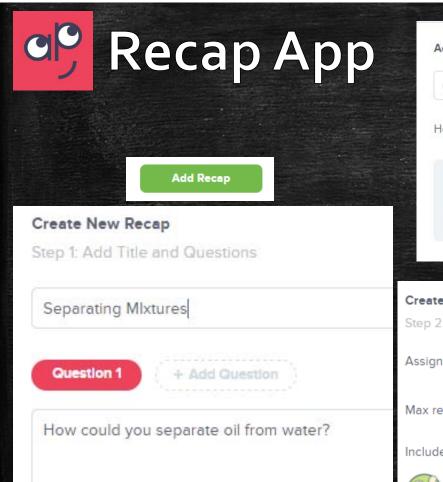


Recap App

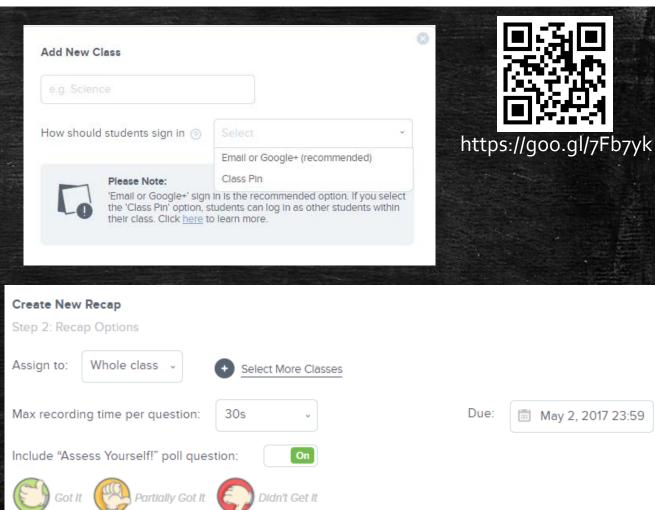


- Student Video Response
- Verbalize answers
- See thought process
- Time limit
- Assign individually or to class





+ Record Video





Recap App



Student Sign In with:

Class Pin

Email

Sign in with Google

Need an account? Sign Up

Student Sign In Instructions

Instruct your students to sign in at:

letsrecap.com/classpin

and enter this Class Pin:

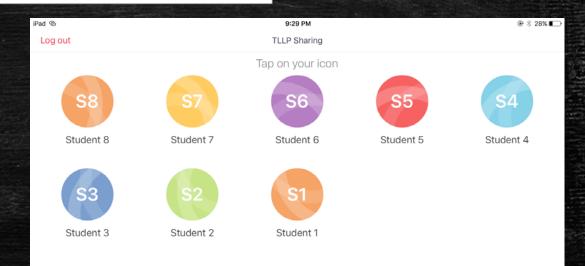


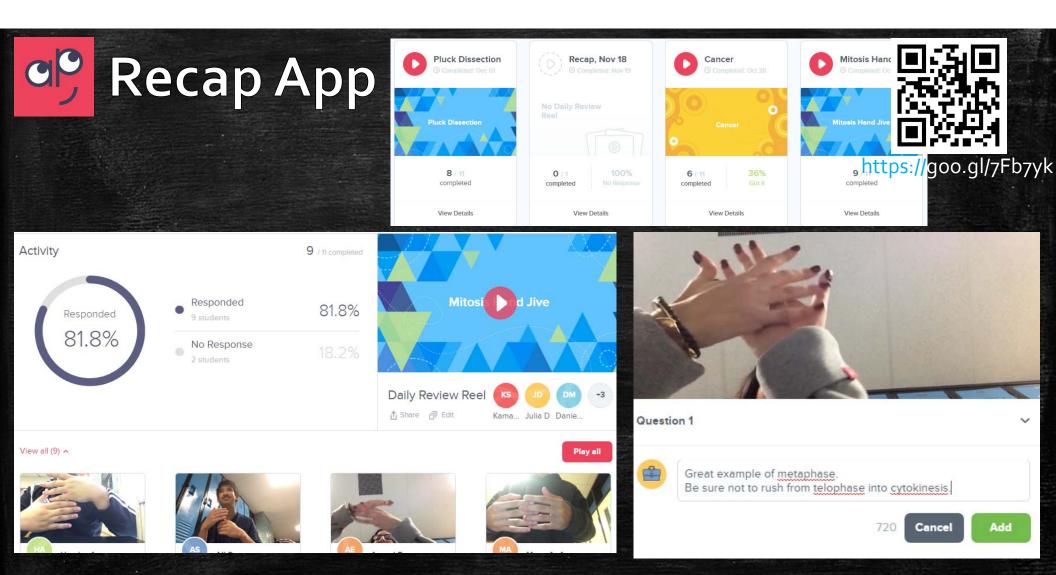
Switch to Student Sign In

O Reset Class Pin



https://goo.gl/7Fb7yk







ClaroPDF

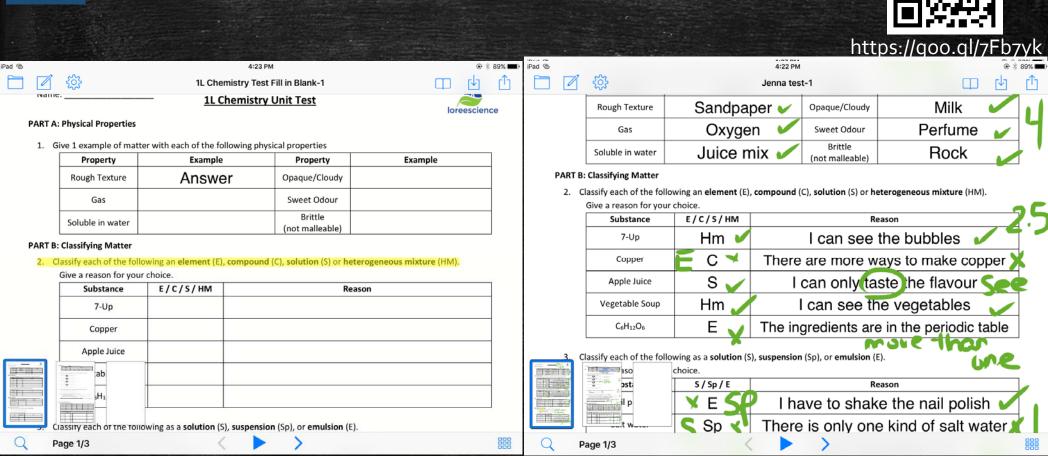


- Interactive PDF tool
- Reads text to students
- Annotate, mark up and save files
- Import PDF files almost anywhere
- Can leave voice notes throughout













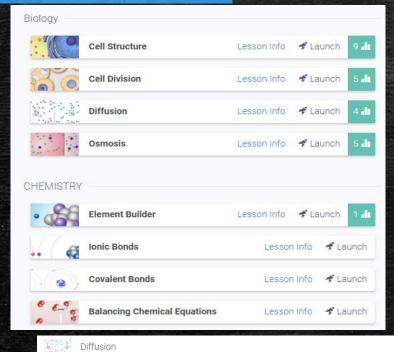
- Interactive Simulations
- Math & science
- Analyzing data
- Introduction, review, extra practice...
- Variety of levels





DESCRIPTION

of gases, and statistical probability.



Explore the motion of particles as they bounce around from one side of a room to the other

through an adjustable gap or partition. The mass of the particles can be adjusted, as well as the temperature of the room and the initial number of particles. In a real-world context, this

can be used to learn about how odors travel, fluids move through gaps, the thermodynamics

Please do not post answer keys online.

Exploration Sheet Answer Key

W Customize

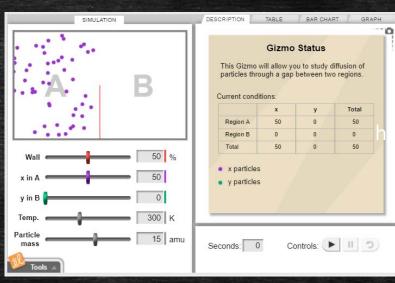
Vocabulary Sheet

Customize

Student Exploration Sheet

Teacher Guide

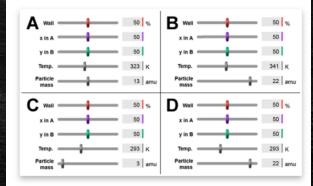
W Customize



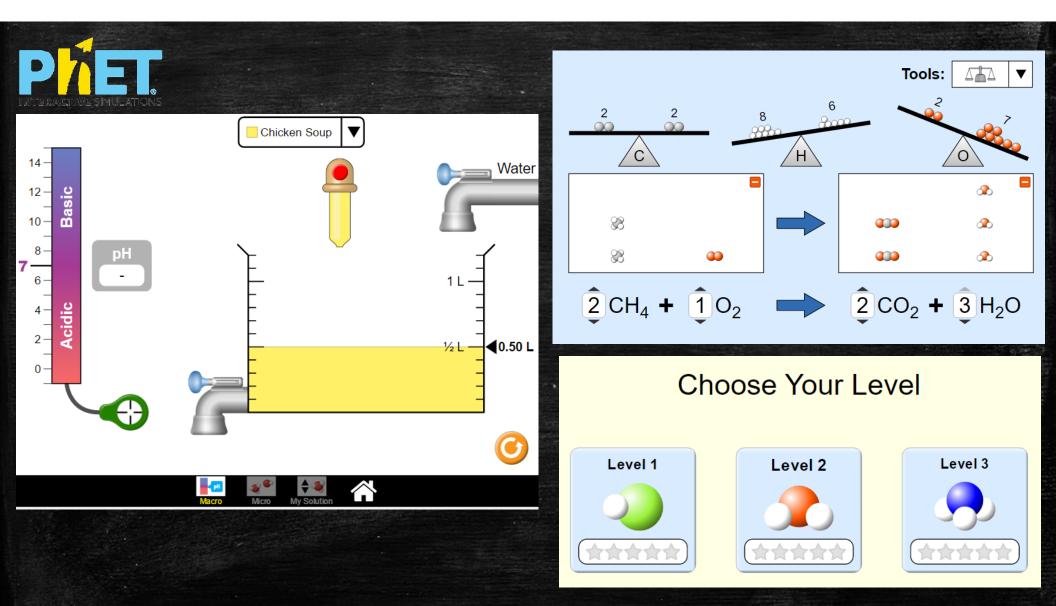


tps://goo.gl/⁊Fb⁊yk

3. Which arrangement of Gizmo settings will produce the highest rate of diffusion?



- A. the settings shown in A
- B. the settings shown in B
- C. the settings shown in C
- D. the settings shown in D



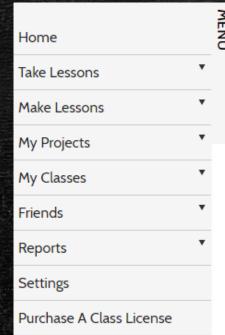




- Game Based Learning
- Create own games
- Students play variety of games
- Continue to improve scores





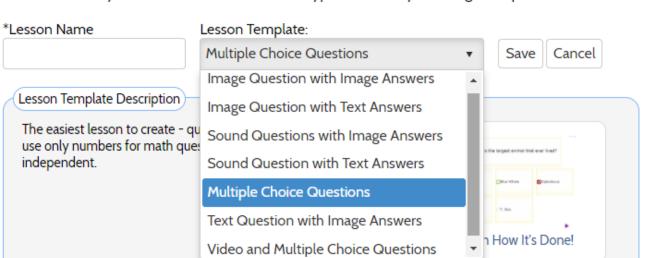


CREATE A LESSON

https://goo.gl/7Fb7yk



Set the name of your new lesson, and define the type of lesson by selecting a template below.





Activities

Cloud Blasters

Crafty Fish

Void Space 3D

Holey Moley!

Mine Escape 3D

Multiple Choice Quiz

Review

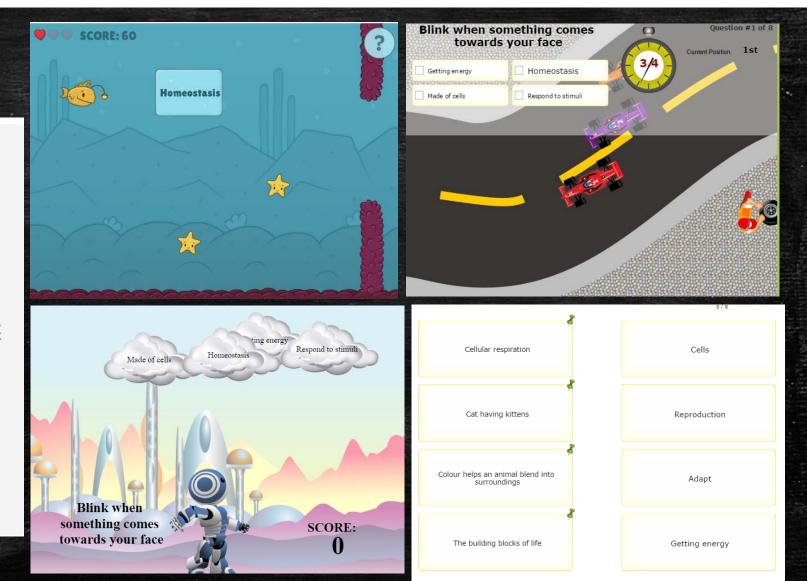
Match Game

Short Answer Quiz

Speed Racer

Samurai Quest 3D

Multi-Player Challenge [BETA]



Education is not the learning of facts, but the training of the mind to think!

-Albert Einstein



https://goo.gl/7Fb7yk



Key Slides

Thank you

