



# Google™ in Education

## 30 Ways to Use Chromebooks in Schools

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+Becky Evans

# Core Chromebook Activities



**Drive** *Create and Collaborate*



**Google+** *Share and Connect*



**Chrome Web Apps** *Do more with the web*



**Flipping the Classroom** *Teacher as a facilitator*



**Open Educational Resources** *Beyond Textbooks*



**Assessments** *Using achievement data to improve learning*



# Google Drive

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Docs



Sheets



Slides

# 1. Collaborate on lesson plans

Use Docs to work on the *same* lesson plan at the *same* time with a colleague.

The screenshot shows a Google Docs interface for a document titled "Health Lesson Plan". The document content is as follows:

**Fresh Foods From Farm-to-Table**

**Time Frame:**  
2 class periods plus 1 more to elaborate the learning to focus on their local agriculture.  
(Note to teacher: If necessary, the lesson can be modified to fit into one session. Teachers can eliminate the KWL activity, use an individual summarizer instead of the carousel activity, and combine the computer based activities.)

**Overview:**  
In this lesson, students explore the concept of farm-to-table. In the beginning of the lesson, students enjoy acting out verbs that they will later discover to be the steps of the farm-to-table process for eggs. Students draw on their background knowledge to formulate questions that guide their learning. Then, using online resources, students will explore and take note of the various phases of the production process. Following this, students connect what they have learned to egg production in their home state and compare agriculture of their state to another of their choice. Finally, students demonstrate their learning by sequencing and explaining what they have learned.

**Objectives:**

- Students will be able to identify and explain the steps that fresh foods, such as eggs, go through in the production and delivery process from farm-to-table.

On the right side, a comment thread is visible:

- Becky Evans** (3:33 AM Today) - Resolve: Do we have 3 class periods to devote to this lesson? Edit Delete
- Jeff Klein** (3:34 AM Today) - Let's see if we can cut it down to two... Reply to this comment...



## 2. Improve the writing process

Have students work collaboratively from anywhere.  
Give students ongoing and simultaneous feedback.  
Use revision history to hold students accountable for their work.

The screenshot displays a Google Docs interface for a document titled "Fairy Tale Essay". The document content is a story about Cinderella. The text includes:

The cat said, "Meow", which really meant, "Cheer up! You have something neither of your stepsisters have and that is beauty." It was quite true. Cinderella, even dressed in rags with a dusty grey face from the cinders, was a lovely girl. While her stepsisters, no matter how splendid and elegant their clothes, were still clumsy, lumpy and ugly and always would be. One day, beautiful new dresses arrived at the house. A ball was to be held at Court and the stepsisters were getting ready to go to it. Cinderella, didn't even dare ask, "What about me?" for she knew very well what the answer to that would be: "You? My dear girl, you're staying at home to wash the dishes, scrub the floors and turn down the beds for your stepsisters. They will come home tired and very sleepy."

Cinderella sighed at the cat. "Och dear, I'm so unhappy!" and the cat murmured, "Meow". Suddenly something amazing happened. In the kitchen, where Cinderella was sitting all by herself, there was a burst of light and a fairy appeared. "Don't be afraid, Cinderella," said the fairy. "The wind blew me your sighs. I know you would love to go to the ball. And so you shall!" "how can I, dressed in rags?" Cinderella replied. "The servants will turn me away!" The fairy smiled. With a flick of her magic wand... Cinderella found herself wearing the most beautiful dress, the loveliest ever seen in the realm. "Now that we have settled the matter of the dress," said the fairy, "we'll need to get you a coach. A real lady would never go to a ball on foot!" "Quick! Get me a pumpkin!" she ordered. "Oh of course," said Cinderella, rushing away. Then the fairy turned to the cat. "You, bring me seven mice!"

A comment box is visible on the right side of the document, containing the text: "Make this sentence more descriptive. —becky" and "I think is a good idea. —mgutknecht".

The right sidebar shows the "Revision history" for the document, listing several revisions with their dates and times, and the user who made them:

- February 15, 2011, 11:14 AM (jeff, becky)
- February 7, 2011, 8:14 AM (jeff, becky)
- February 6, 2011, 11:42 PM (jeff, becky)
- January 26, 2011, 2:51 PM (becky)
- October 29, 2010, 9:46 AM (becky)
- October 28, 2010, 2:42 PM (becky)
- October 22, 2010, 11:12 AM (becky)
- October 22, 2010, 9:42 AM (becky)
- October 21, 2010, 4:46 PM (mollyw)
- October 21, 2010, 4:46 PM (anht, mollyw) - [Restore this revision](#)
- October 21, 2010, 4:29 PM (mollyw)

# 3. Collect, share and analyze data

Collect data in a sheet, then use charts and gadgets - like the motion chart - to graph and analyze the data.

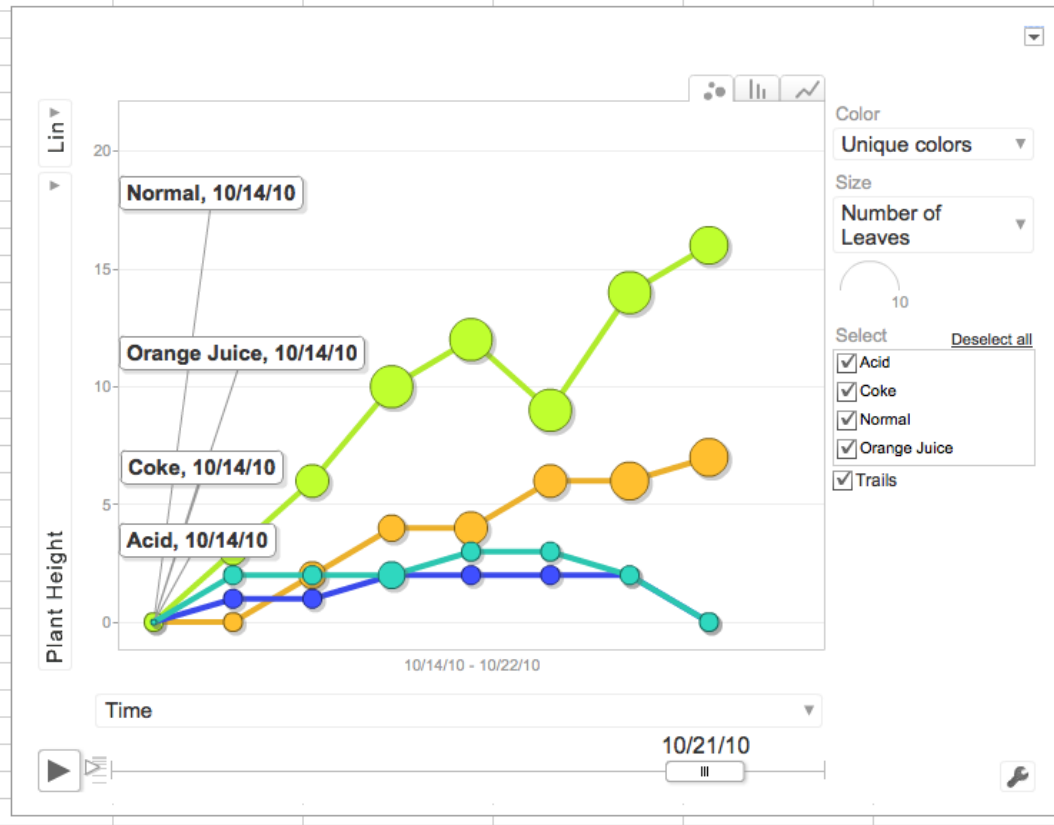
trix\_2012.42-

Plant Data Extra ★

File Edit View Insert Format Data Tools Help All changes saved in Drive

File Edit View Insert Format Data Tools Help All changes saved in Drive

A	B	C	D	E	F	G	H	I	J
Acid	10/20/2010	2	1						
Normal	10/20/2010	14	5						
Normal	10/20/2010	17	4						
Acid	10/20/2010	1	1						
Normal	10/21/2010	16	4						
Normal	10/21/2010	19	4						
Acid	10/21/2010	0	1						
Normal	10/21/2010	18	4						
Acid	10/22/2010	0	0						
Normal	10/22/2010	21	10						
Orange Juice	10/14/2010	0	1						
Orange Juice	10/15/2010	0	1						
Orange Juice	10/16/2010	2	2						
Orange Juice	10/17/2010	4	2						
Orange Juice	10/18/2010	4	3						
Orange Juice	10/19/2010	6	3						
Orange Juice	10/20/2010	6	4						
Orange Juice	10/21/2010	7	4						
Orange Juice	10/22/2010	8	4						
Coke	10/14/2010	0	0						
Coke	10/15/2010	2	1						
Coke	10/16/2010	2	1						
Coke	10/16/2010	2	2						
Coke	10/17/2010	2	2						
Coke	10/17/2010	3	2						
Coke	10/18/2010	3	1						
Coke	10/19/2010	3	1						
Coke	10/20/2010	2	1						
Coke	10/20/2010	1	1						
Coke	10/21/2010	0	1						
Coke	10/22/2010	0	0						



# 4. Research Tools in Presentations

Students can drag and drop images, cite sources, and search for quotes that bring presentations to life

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The screenshot shows a Google Slides presentation titled "Grizzly Bear Project" by user "tgierke@google.com". The slide content includes the text "Grizzly Bears" and a large image of a roaring grizzly bear. A "Research" panel on the right side of the slide displays a grid of images related to grizzly bears, including a close-up of a bear's face and a cub. The interface includes a menu bar (File, Edit, View, Insert, Slide, Format, Arrange, Tools, Table, Help), a toolbar with various editing tools, and a status bar at the bottom that says "Click to add notes".

## 5. Create amazing presentations

Use Slides to create engaging and dynamic presentations (like this one).



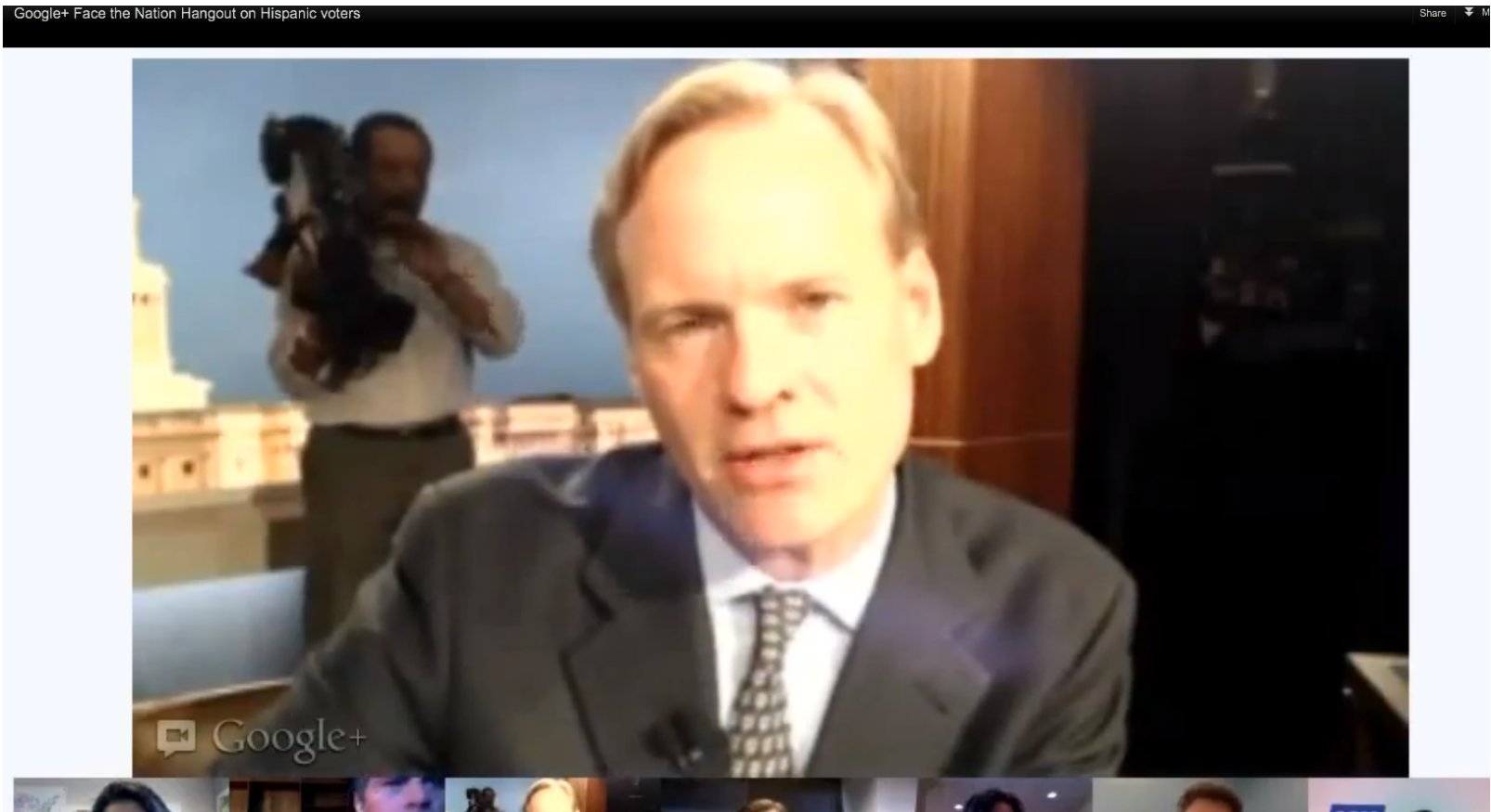


**Google+**

## 6. Invite a guest lecturer into your classroom

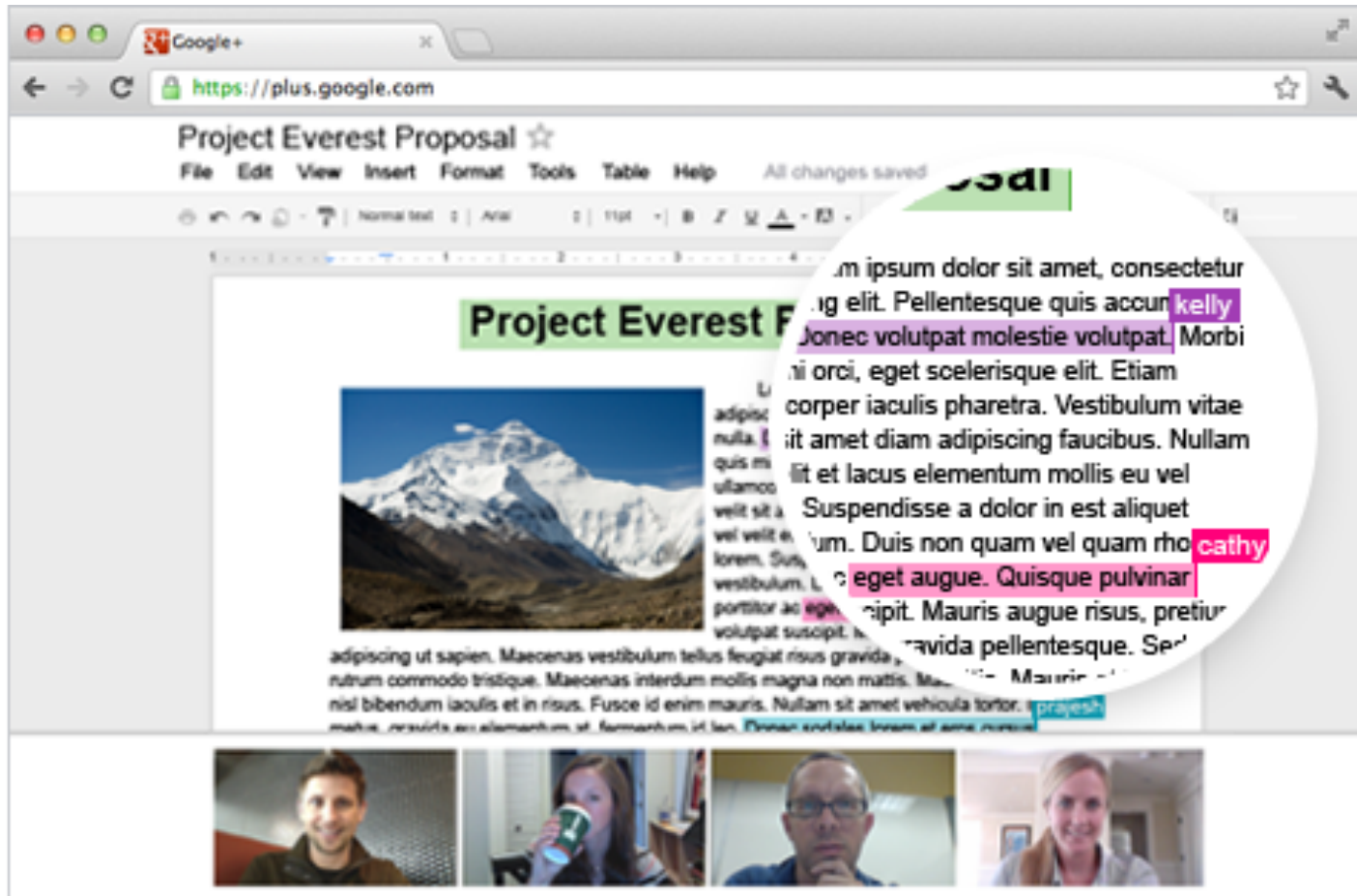
Invite an expert into your class to do a guest lecture through Video Chat. Or invite a grandparent who lives in another state to read to the class during story time.

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# 7. Hold office hours and homework help

Let students know that you'll be available to help online at a certain time. Video conference with students who are absent.





# Google Sites



# 8. Create a classroom website

Create a site for your class. Embed a class calendar, videos, and presentations.



The screenshot shows a classroom website for Mrs. Richau. The header includes the site name "Mrs. Richau's classroom" and a search bar. A left sidebar contains a navigation menu with items like "Home", "Class Announcements", "Class Reading List", "Important Dates to Remember", "School Forms", "School Supplies", "Suggested Reading List", "Weekly Spelling List", "Word of the Day!", and "Sitemap". The main content area features a portrait of Mrs. Richau, a "Welcome to Mrs. Richau's English Class" message, and a "word of the day!" section. The "word of the day!" section defines "menagerie" and lists three definitions. Below the main content is another "Class Announcements" section with two entries: "Permission Slips Due" and "Spelling Words".

**Mrs. Richau's classroom** Search this site

**Home**

- ▼ **Class Announcements**
  - Bring in your writing journal next week
  - Bus Service
  - Permission Slips Due
  - Spelling Bee
  - Spelling Words
- Class Reading List**
- Important Dates to Remember**
- School Forms**
- School Supplies**
- Suggested Reading List**
- ▼ **Weekly Spelling List**
  - Unit 12
  - Unit 13
  - Unit 14
- ▼ **Word of the Day!**
  - menagerie \muh-NAJ-uh-ree; -NAZH-\, noun:
  - mien \MEEN\, noun:
  - perquisite \PUR-kwuh-zit\, noun:
  - subterfuge \SUB-tur-fyoj\, noun:
- Sitemap**

**Welcome to Mrs. Richau's English Class**

Thank you for dropping by!

On this website, you'll have access to important information, like weekly spelling lists, classroom reading assignments, as well as upcoming activities.

I hope this site helps parents stay up-to-date on their child's learning. Please take a few minutes to acquaint yourself with your child's curriculum for this year. And feel free to email me if you have any questions.

Sincerely,  
**Mrs. Richau**

**word of the day!**

**menagerie** \muh-NAJ-uh-ree; -NAZH-\, noun:

1. A collection of wild or unusual animals, especially for exhibition.
2. An enclosure where wild or unusual animals are kept or exhibited.
3. A diverse or varied group.

Posted Feb 11, 2008 3:12 PM by Mandy Sladden

Showing posts 1 - 1 of 4. [View more »](#)

**Class Announcements**

**Permission Slips Due** Don't forget, we are off to the WOW museum on Friday, so all slips must be in before we head out. If you have lost the hard copy we ...  
Posted Feb 19, 2008 12:14 PM by Mandy Sladden

**Spelling Words** The new spelling words are up on the spelling list page, please be ready for the test on Thursday  
Posted Sep 22, 2009 8:32 AM by Mandy Sladden

**Bring in your writing journal next week** Starting next week, everyone will need to bring in a fresh notebook for our writing journal project. Everyone will be writing in their journals throughout the week and

# 9. Manage student e-portfolios

Use sites to create student ePortfolios. Showcase student work and pass it on from year to year.

The screenshot shows a web browser displaying a student ePortfolio. The top navigation bar is purple with the Clemson University logo on the left and a search bar on the right. Below the navigation bar is a white sidebar with a blue border containing a table of contents with categories like Health Science, Professional Documents, Health Science Internship, Career Exposure, Undergraduate Experiences, and Certifications. The main content area has a white background with a purple header that says 'Home'. The title 'Carter Ellis Williams' is centered in a large, bold, black font. Below the title is a welcome message: 'Welcome to my Health Science Portfolio!'. A paragraph of text follows, describing the site's content. Below that is another paragraph: 'Please feel free to look around and contact me with further questions.' and a closing message: 'Thanks for stopping by!'. On the right side of the main content area is a photograph of a person standing on a rocky peak overlooking a coastal city and the ocean. Below the photo is a caption: 'In Cape Town, South Africa while studying abroad on Semester at Sea.'

**CLEMSON UNIVERSITY**

Home About Me contact-information

**Home**

**Carter Ellis Williams**

Welcome to my Health Science Portfolio!

This site will provide you my professional documents, internship experience, volunteer experience, and education information as well as some additional information so you can learn a little bit more about me. You can also access my CU ePortfolio to see more of my work.

Please feel free to look around and contact me with further questions.

Thanks for stopping by!

In Cape Town, South Africa while studying abroad on Semester at Sea.

**Health Science**  
Home  
Sitemap

**Professional Documents**  
Resume  
Personal Statement  
Cover Letter

**Health Science Internship**  
Internship Goals and Objectives  
Internship Overview  
Powerpoint  
Research Presentation-Cerclage Study  
Data Spreadsheet-Cerclage Study  
Data Spreadsheet-Mesh Study  
CITI Certification

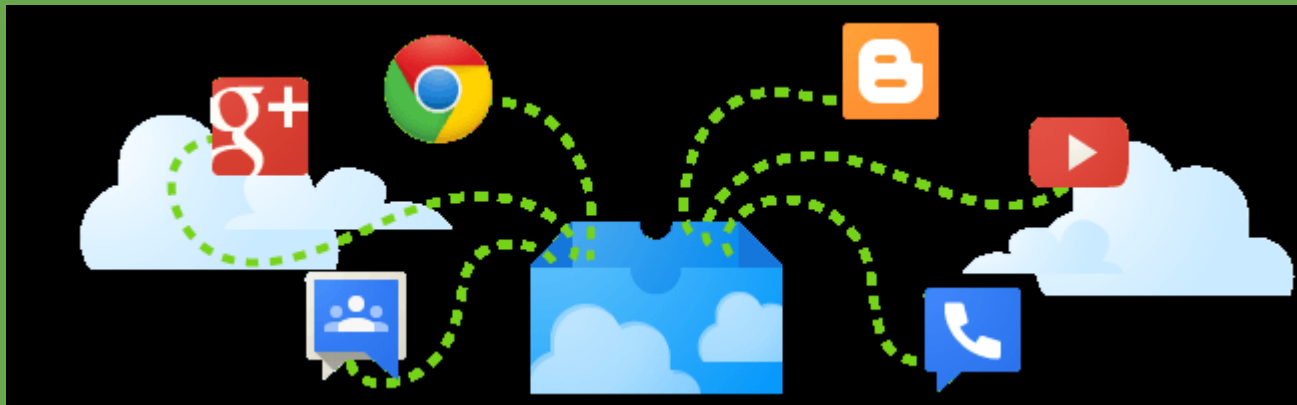
**Career Exposure**  
Career PowerPoint  
Informational Interview

**Undergraduate Experiences**  
Relevant Coursework  
Semester at Sea  
Volunteer Work

**Certifications**  
Health Literacy

Search this site

# More



# 10. Use Moderator to extend classroom discussions

Have students reflect on their daily learning through Google Moderator. Students can read each other's reflections and vote up the responses that they like the best.

The screenshot displays the Google Moderator interface for a discussion titled "Summer Lesson #7 Discussion Question". The page shows a list of ideas with their respective authors and voting options. The top idea, by Edwin S., has received 306 votes from 35 people. Below it are three other ideas, each with a "Good Idea?" voting box containing a checkmark and an 'X' button, and a "Flag as inappropriate" link.

**Google moderator** Summer Lesson #7 Discussion Question   Public on the web

[Home](#) **306 votes on 35 Ideas from 36 people**

You've contributed:  
[0 votes](#)  
[0 ideas](#)

Pick a topic:  
**Ideas**

Sorted by popularity  
Sorted by date  
Sorted by what's hot

[Export Series as CSV](#)

Powered by **Google** Moderator  
©2011 Google - [Terms of Service](#) - [Privacy Policy](#)

*Internal build summary:*  
[@moderator\\_frontend/20121019-161905-RC1:@35881545](#)

[Disable question translation](#)

**Ideas** [Description](#)

Please vote on this idea...

**"Yes, like for example how people think the end of the world will happen in 2012. If we don't die from it then people in the future will think it was dumb of people to think that it was going to come true."**

[Edwin S.](#), California [Post a response](#) [Share](#) ▼

**Good Idea?**

[Flag as inappropriate](#)

**Popular ideas:** [Presentation view](#)

"Yes, like for example how people think the end of the world will happen in 2012. If we don't die from it then people in the future will think it was dumb of people to think that it was going to come true."    
[Edwin S.](#), California [Post a response](#) [Share](#) ▼ [Flag as inappropriate](#)

"I can't think of any thing that can be ridiculous"  
[julia.r](#), California [Post a response](#) [Share](#) ▼    
[Flag as inappropriate](#)

"I think we found out everything we know about our earth and there isn't anything else to know except for our ocean because we only discovered 15% of our oceans."  
[Christopher P.](#), California [Post a response](#) [Share](#) ▼    
[Flag as inappropriate](#)

"i'll say yes because they might think that we are just making things up like that the moom was made by the earth"  
[richard](#), California [Post a response](#) [Share](#) ▼    
[Flag as inappropriate](#)

# 11. Run your classroom through Blogger

Use Blogger to structure and run your lessons. Students can access their "Do Now," independent practice, and exit slip through the blog entry.

## history with sanders

KIPP: Google

THURSDAY, DECEMBER 1, 2011

### Day 64: The Magna Carta (12/1/11)

Aim: The historians of 2017 will be able to make connections to the plight of medieval citizens frustrated with unfair demands and expectations.

Submit Homework

Task 1: What would you include if you could write your own school/classroom rules and expectations and everyone had to follow it? Which rules and expectations are you sick of?

Task 2: Open up [this link](#) and wait for directions.

Task 3: We will use this video to help us build more context.

Magna Carta Share More info



Example: [historywithsanders.blogspot.com](http://historywithsanders.blogspot.com)



# 12. Organize and Deliver Curriculum

Web-based Learning Management Systems  
that integrate with Google Apps



## Quik-Start Class 5: Course Content

Pages | Calendar | Connect | Assess

Module 0

Module 1

Module 2

Module 3

Module 4


Module 5


### Module 0

#### The COURSE at a GLANCE

Three files that can be uploaded here are:

1. **The course syllabus** - Use format suggested/required by university
2. **The module overviews** - A complete look at individual modules from introduction to readings, assignments, activities, & assessments.
2. **The course overview chart** - a week-by-week look at the entire course by assignment, assignment type, due dates & point value


 Module Template

 Course Overview Template

#### COURSE ASSESSMENT TOOLS

Post the rubrics and checklists in two locations:

1. In Module 0 - when posted here, students can see at a glance how assignments/activities will be assessed.
2. In each of their respective modules

 Discussion Board (Forum) Rubric

**"Let's get started!"  
ACTIVITIES**



# 13. Help Teachers Manage the Classroom

## Dashboard for Google Drive

**Richard Hirata**

Document	Modified by	Updated
<a href="#">showcase</a>	-	1w 4d
<a href="#">Cat in a Hat</a>	-	1w 4d
<a href="#">Reading List for Richard Hirata</a>	T George	2m 3w

**Kawakami Mai**

Document	Modified by	Updated
<a href="#">Zoo Homework</a>	T George	1w 1d
<a href="#">Homework Sept 12th</a>	-	1m 1w
<a href="#">Inventions</a>	-	2m 1w

**Jenny Hunt**

Document	Modified by	Updated
<a href="#">Reading List for J...</a>	-	-
<a href="#">Homework hando...</a>	-	-
<a href="#">Lissing up</a>	-	-

### Track All Sharing

Unshared | Public | External | All Docs

**Richard Hirata**

Document	Modified by	Updated
<a href="#">Homework handout</a>	-	1d 15h
<a href="#">Homework handout</a>	-	2d 21h
<a href="#">blank</a>	-	3m 2w

**Michael Kim**

Document	Modified by	Updated
<a href="#">Calculus</a>	-	1d 1h
<a href="#">Lenva's new work - Michael</a>	-	3m 2w



## Student Google+ Tracking

Sharing | Chromebook | Planning | Class Info

Docs Trash | Picasa | G+ Activity | G+ Profiles

**Jenny Hunt**

Post	Replies	+1	Updated
<a href="#">Need to finish assignment tonight! No sleep...</a>	2	1	1d 15h
<a href="#">Just watched The Zoo on TV. Scary scene...</a>	0	0	1d 15h
<a href="#">Elephants are super smart animals!</a>	0	1	1d 15h

**Richard Hirata**

Sharing | Chromebook | Planning | Class Info

Docs Trash | Picasa | G+ Activity | G+ Profiles

**Jenny Hunt**

**Jenny Hunt**

Tagline: animal lover  
Introduction: Wants to become a vet and work in a zoo  
Education: Hapara Senior High  
Places I've lived: Auckland, Miami  
Birthday: 11-25

**Kawakami Mai**

Tagline:   
Introduction:   
Education:   
Places I've lived:



# Flipping the Classroom



# 14. 1000s of Lessons in Khan Academy

LEARN ▾

COACH

 KHANACADEMY

 Search for a video or topic



TOM ▾

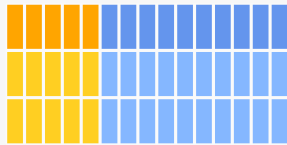


## Multiplication and division



Using the picture below as a guide, what number could replace  $\diamond$ ?

$$3 \times (5 + 10) = (3 \times \diamond) + (3 \times 10)$$



There are 3 rows, and each row has  $5 + 10 = 15$  rectangles.



Answer

Acceptable formats

Check Answer

Need help?


I'd like a hint

Stuck? Watch a video.

Rewrite the expression  $4(8 + 3)$  using the distributive law of multiplication over addition. Then simplify the expression.

$$4(\underline{8} + 3) \rightarrow 4(11) \rightarrow 44$$

4

 The Distributive Property

Show scratchpad

# 15. Youtube for Schools

No Comments - Only Education Approved Content

YouTube

Search:  Upload

EDU > Primary & Secondary Education > Mathematics > All Categories >

1 2 3 4 5 6

**Zeno's Paradox - Numberphile**  
by numberphile  
Dr James Grime is back and talking about tortoises. In m...  
12:05

**Squaring the Circle - Numberphile**  
by numberphile  
Why squaring the circle - the old-fashioned way - was fou...  
7:34

**Ecuación general de una recta dados d...**  
by julio PROFE  
Julio Ríos explica el siguiente ejercicio: Hallar la ecua...  
4:52

Algebra & Pre-Algebra »

1 of 3



# 17. Learn to Code

Students (all of us) can learn coding skills free on the web!

The screenshot displays the Codecademy interface. At the top left, there is a navigation bar with the Codecademy logo and a user profile icon labeled 'Me'. Below the navigation bar, the main content area is divided into two sections. On the left, a sidebar contains a user profile icon, a progress indicator '01/06', and a section titled 'What you'll be making'. This section includes a paragraph of text: 'Before we ask you to write a bunch of code, we think it's helpful for you to see exactly what you'll be making in this project.' Below this, it says 'Check out the `index.html` file and the Result tab for an example—we've made our very own webpage.' There is also an 'INSTRUCTIONS' box that says 'Hit Save & Submit Code to start building your own!' and a 'Stuck? Get a hint!' button. At the bottom of the sidebar, there are links for 'Q&A Forum' and 'Glossary'. The main content area features a large white card with the title 'YEAH SANDWICHES' and a magnifying glass icon indicating '100%' zoom. Below the title is an illustration of a sandwich. Underneath the illustration, there is text: 'I like eggs.', 'And ham!', and 'But mostly sandwiches.' Below the card, there is a 'View Full Screen' button. At the bottom of the interface, there is a green checkmark icon followed by the text 'Way to go!' and a green button labeled 'Start Next Lesson'. A close button (X) is visible in the bottom right corner.

< Codecademy

Me

01/06

## What you'll be making

Before we ask you to write a bunch of code, we think it's helpful for you to see exactly what you'll be making in this project.

Check out the `index.html` file and the Result tab for an example—we've made our very own webpage.


**INSTRUCTIONS**

Hit Save & Submit Code to start building your own!

**Stuck? Get a hint!**

Q&A Forum | Glossary

# YEAH SANDWICHES



I like eggs.

And ham!

But mostly sandwiches.

View Full Screen

Way to go! Start Next Lesson

## 18. TED Ed

Teachers can use video content curated by TED, and create their own lessons called "Flips"

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# Atoms from A to easy!

LESSON CREATED BY **MELISSA PICKERING** USING **TED**Ed

VIDEO FROM **iCreatetoEducate** YOUTUBE CHANNEL

Let's Begin...

Electron orbitals. Diagonal rule. Dot diagrams. The periodic table. There's so much to know about the tiniest building blocks of life (atoms).



Watch

Think

Dig Deeper

Discuss

# 19. Typing Trainers

Engaging apps to teach and improve typing skills, important for Common Core testing and efficient communication.

Keys j & f

menu redo help

j	j		f	f		f	f	j	j		f	j	f	j		j	f	
f	f	j		f	j	j	f		j	f	j	j		f	f	j	j	
j	f	f		f	f	j	j		f	j	f	j		j	j	f	f	

SPEED (WPM): 4 Accuracy: 75%



Typing Club



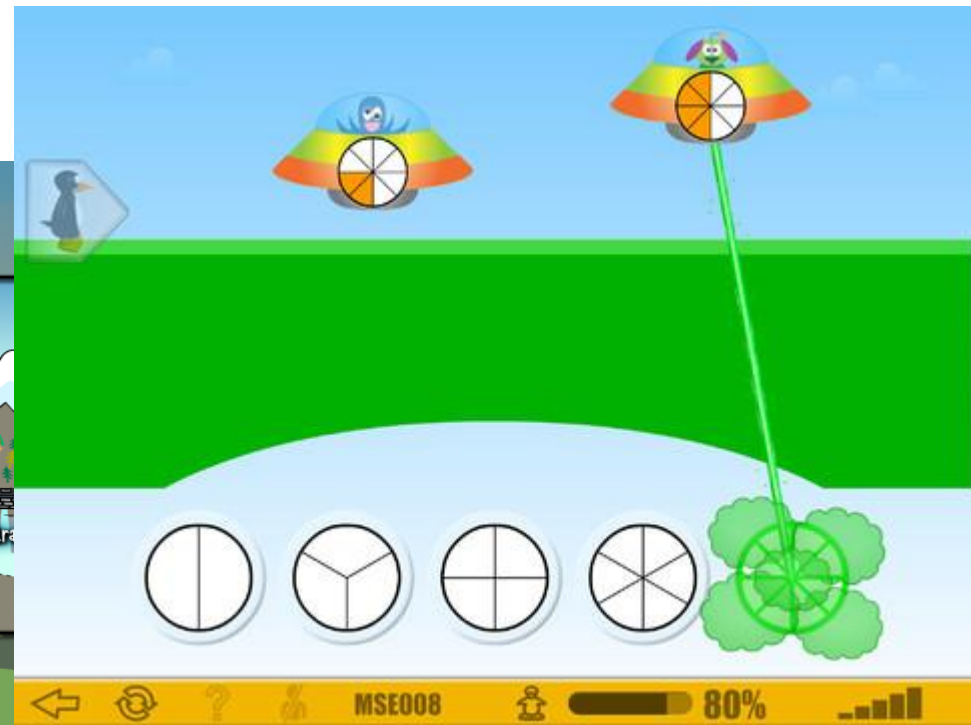
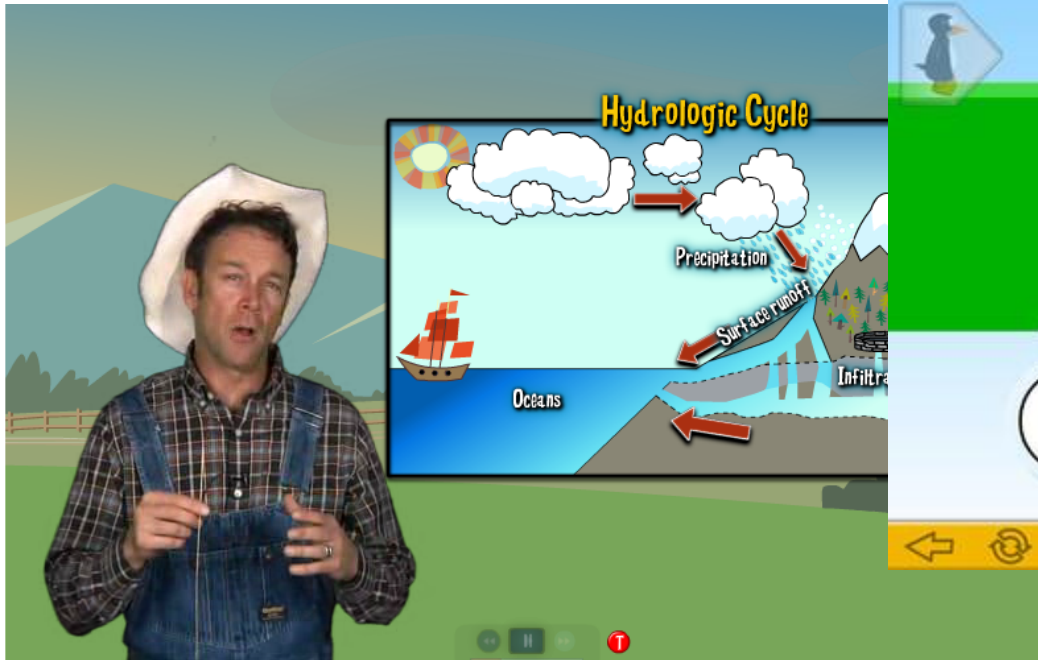
# 20. Adaptive Learning and Assessment

Allow students to learn at their own pace

**ALEKS**<sup>®</sup>



 **CompassLearning**<sup>®</sup>





# **Chrome Web Apps for Education**



# 21. Create a "Glog"

Expanding the blog into a platform for creative expression

## The Elements of Art

To more about the Element of Color visit: [http://www.artyfactory.com/art\\_quiz/color\\_quiz/color-theory-quiz.html](http://www.artyfactory.com/art_quiz/color_quiz/color-theory-quiz.html)  
AND <http://trackstar.4teachers.org/trackstar/ts/viewTrackMembersFrames.do?number=70818&password=>

### Color & Value:

<http://voicethread.com/share/4464438/>

### Dot & Line:

<http://voicethread.com/share/4496500/>

### Shape & Form:

<http://voicethread.com/share/4496700/>

### Elements of Art:

1. Dot and Line
2. Shape and Form
3. Color and Value
4. Pattern and Texture
5. Space and Depth

**Properties of color:**  
Hue: the color itself  
Intensity: brilliance vs grayness  
Value: lightness or darkness, shade or tint

**Line Quality:**  
An infinite variety, thick or thin, curvy or straight

**Shape:** an enclosed area defined by line, value, or color.

**Analogy:** colors related in two

**Quote:** "A line is a dot that went for a walk..."

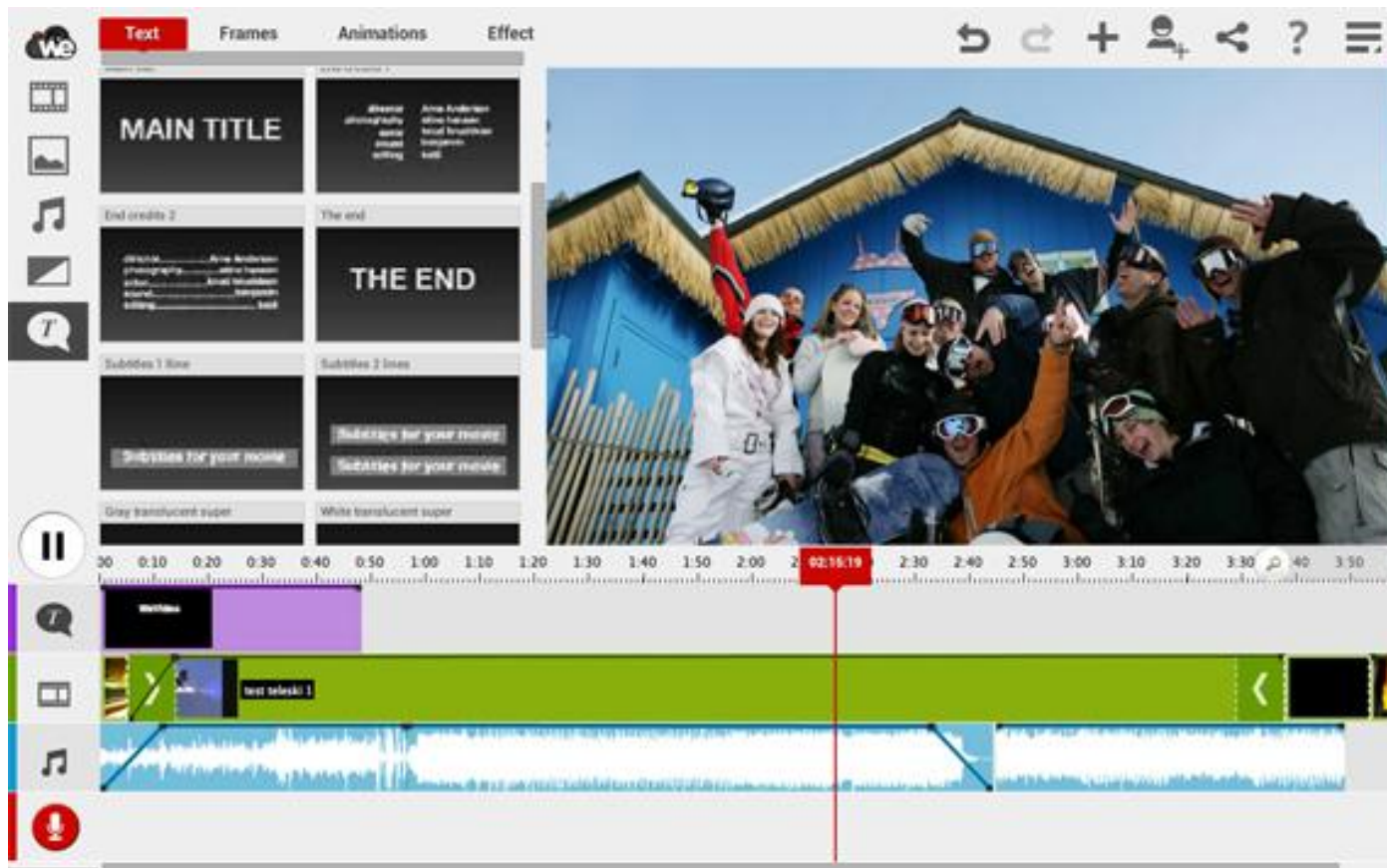
**Examples:** Van Gogh's Sunflowers, a drawing of a woman on a horse, a drawing of a landscape with trees, a drawing of a figure, a drawing of a room, a drawing of a figure, a drawing of a figure.



## 22. Video Projects



Yes - you can shoot video, edit, and create inspiring video productions entirely on the web! (Collaboratively too)



## 23. Create Cartoon Animations

Allow students to demonstrate knowledge in fun, creative ways.

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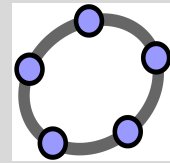
# 24. Mind Mapping



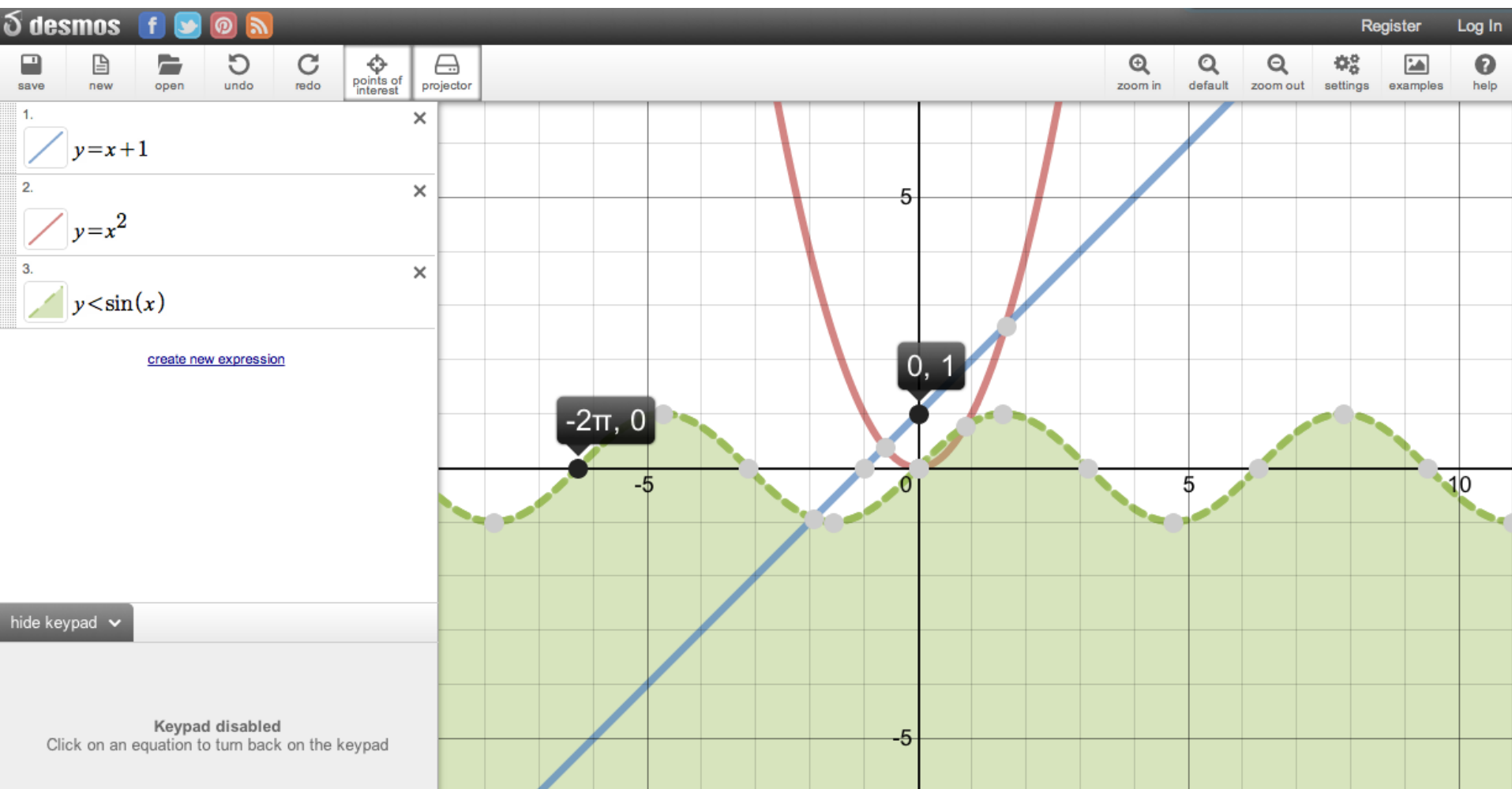
Teach students new ways to structure thought, brainstorm, construct ideas, and problem solve using interactive mind maps



# 25. Geometry and Graphing



With apps like Desmos and Geogebra, students can interact with dynamic graphing tools and lessons for all levels





# Open Educational Resources

# 26. OER Commons



+ LEARNER OPTIONS

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pythagorean theorem



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Commons



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Learning



Common Core



Primary Sources



Teachers as Makers



Flexible Learning



Game-based  
Learning



# 27. CK-12

With services like CK-12 it's easy for teachers to assemble their own textbooks, with rich content aligned to Common Core.

The image shows the CK-12 website homepage. At the top left is the CK-12 logo. To its right are navigation links: Blog, Learn, More Resources, I am an Instructor, About, Sign In, and a green button labeled Join CK-12. Below the navigation is a search bar with the placeholder text "Search for something to learn" and a magnifying glass icon. The main content area is divided into three columns: Mathematics, Science, and More. Each column contains a grid of subject tiles. The Mathematics column includes Arithmetic, Algebra, and Probability. The Science column includes Measurement, Life Science, Physical Science, Earth Science, and Statistics. The More column includes Biology, Chemistry, Engineering, English, Astronomy, and Economics. Each tile features a representative image and a label, with some tiles also having a "New" badge.

**ck-12**      Blog   Learn   More Resources   I am an Instructor   About   Sign In   [Join CK-12](#)

Search for something to learn

**Mathematics**

- Arithmetic
- Algebra
- Probability

**Science**

- Measurement
- Life Science
- Physical Science
- Earth Science
- Statistics

**More**

- Biology
- Chemistry
- Engineering
- English
- Astronomy
- Economics



# Assessments



Let's try it together

# Who will win this year's World Series?

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**Submit your answers in a form:**

<http://goo.gl/Pz4ET>

**See the results:**


<http://goo.gl/ELXC1>



## 28. Administer assessments

Use Google Forms to give your students a pre-assessment at the beginning of class. Modify your instruction based on the results. Then give students an "exit ticket" at the end of class to see what they learned.

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### US History Pre-Assessment

\* Required

Who was the first President of the United States? \*

In what year was the Declaration of Independence signed? \*

1774

1775

1776

1777

Who were our founding fathers? \*

Check all that apply

John Quincy Adams

George Washington

Alexander Hamilton

Abraham Lincoln

Barack Obama

Why did the US want to form it's own country? \*

## 29. Automatically grade forms with Flubaroo

Flubaroo is an Apps Script that allows you to automatically grade assessments that have been submitted using a Google Form.

[www.flubaroo.com](http://www.flubaroo.com)

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## 30. Smarter Balanced Assessments

Chromebooks are approved for SBAC Assessments. Students simply login with an assigned account, no need to install a special browser!

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# **Additional Resources**

# More information on Google in Education

## **Google Apps for Education Online Training Center**

<http://edutraining.googleapps.com/Training-Home>

## **Google in Education +**

<https://plus.google.com/u/1/+GoogleinEducation/posts>

## **Chromebooks EDU + Community**

<http://goo.gl/Glfgl>

## **Education on Air**

<https://sites.google.com/site/eduonair/>

## **Recorded Webinars**

<http://www.google.com/enterprise/apps/education/resources/recorded-webinars.html>