

Integrating Technology in the Bilingual Classroom

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Advantages of integrating technology in the classroom

English language learners greatly benefit from using technology.

- Students can learn useful life skills through technology.
- It provides different opportunities to make learning more fun and enjoyable by increasing student participation, engagement and knowledge retention.
- It helps meet each child's unique learning style and needs.
- Technology eases the bridging or scaffolds between everyday language and more difficult academic language.

What is technology integration?

Use of technology resources





Setting up **technology** in the **classroom**

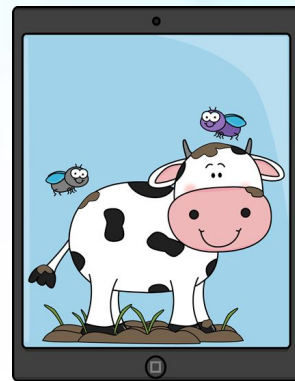
Document Camera



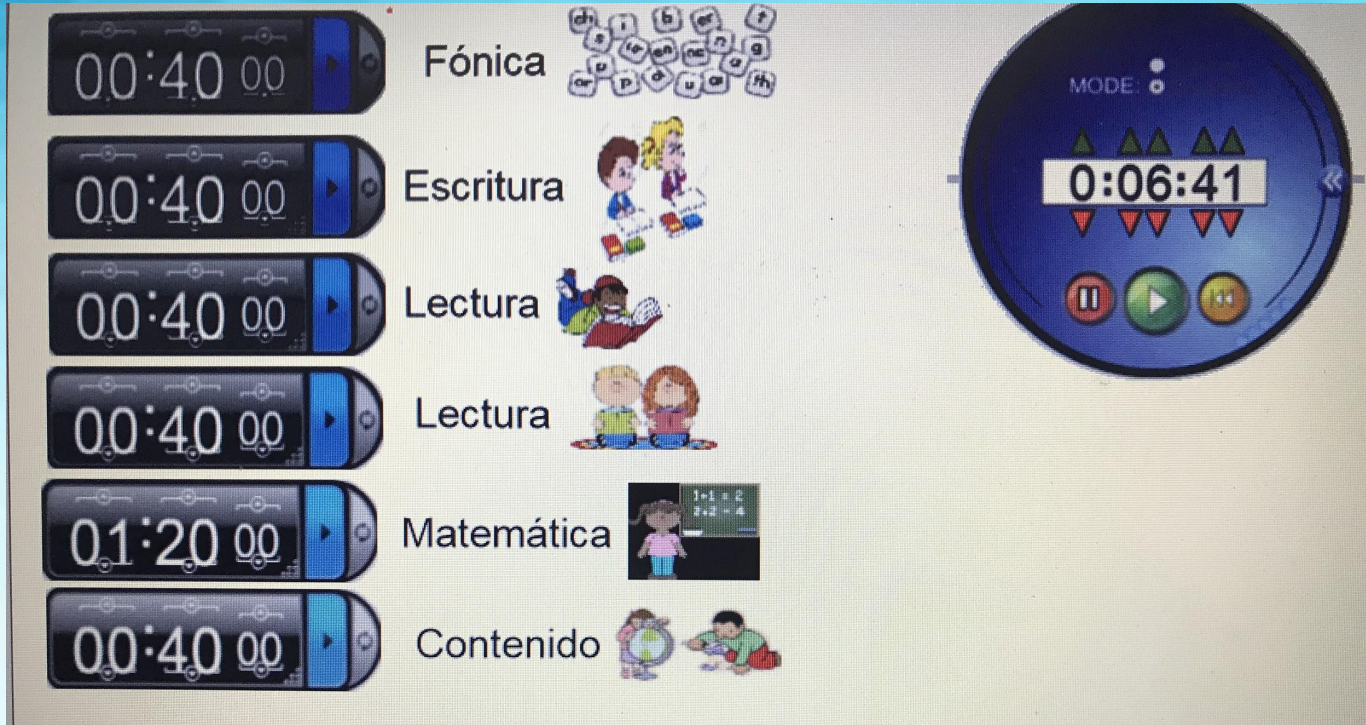
Document cameras are a great tool for teachers. They allow teachers to take what used to be individual assignments and turn them into class assignments, creating more discussion, interaction, and maintaining students' attention.

How to use it in the classroom?

- **Highlighting tool**
- **Display Tool** = Every handout that I use I now easily display a copy on the board for my students to utilize.
- Shows students **how to do assigned work.**
- **Shared Reading:** Every book is a big book when you have a document camera!
- **Science Demos**
- **Modeling Writing and Note Taking**
- **Math manipulatives**



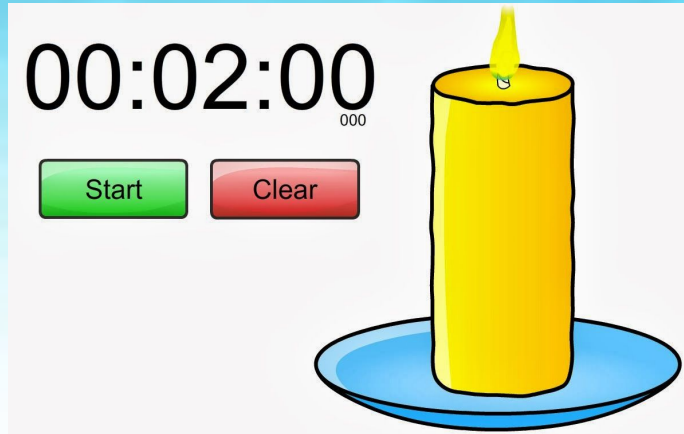
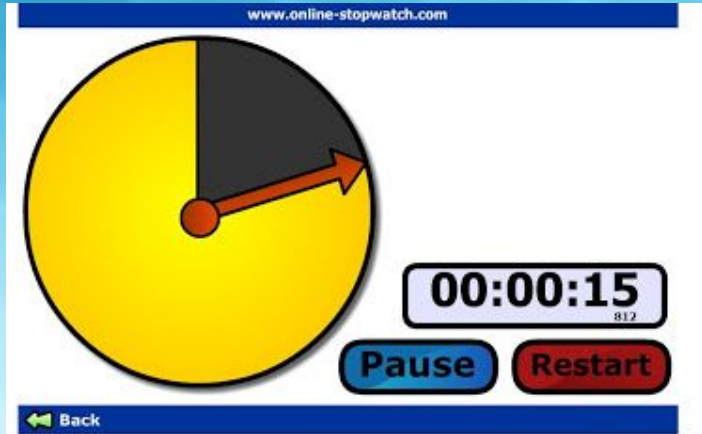
Classroom Management



Daily Schedule Timers

*Helps keep track
and manage time
effectively.*

Classroom Management



*Classroom
timers*

*Time Management
takes practice*

<https://www.online-stopwatch.com/>

Classroom Management



*Classroom
participation*

*Random Name
Pickers*

<https://www.online-stopwatch.com/random/>

Setting up technology in Language Arts



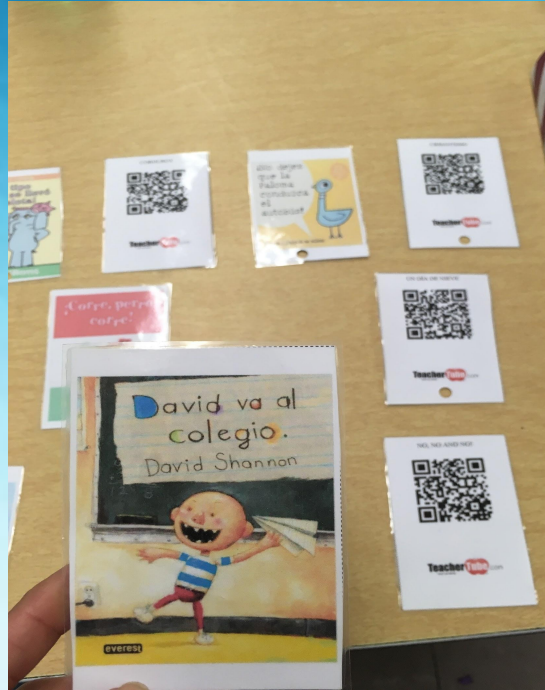
Libroflix



Do you have students coming up saying they can't type the address in correctly to get to the story?

QR Codes are so easy for students to scan and go directly to the story without having to ask for help. Students simply choose a story they want to listen too, **SCAN It, PLAY IT, and LISTEN TO IT.**

Libroflix



The QR codes are small and easy to make.



Easy for independent use



Great for beginning readers and to help them build fluency.

QR Codes

What are QR Codes?

They are like barcodes. They can be scanned with an iPod, iPad, a smartphone, scanner for your computer, or tablet. Download a QR code scanner for FREE on the App Store. There are several free apps to choose from.



How to create QR codes?



QR Codes



Listening to Reading



When there is a book I really want to place in my listening center, but do not have a CD, I will often create a recording of myself reading it, upload it to DropBox, and create a QR Code from the DropBox link. We'll use one of our iPad minis to listening to me reading the book and then, students will write about a specific skill or facts they learned.

Listening Centers



I made my listening center into a bulletin board so my students could easily walk up to it and scan a story of their choice.

The Netflix of Children's Books



Instantly Access Over 15,000 Books for Kids 12 and Under

POPULAR

5 & UNDER

AGES 6-8

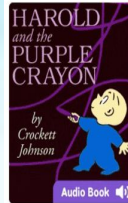
AGES 9-12

AUDIO

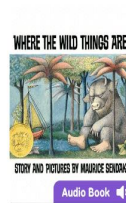
AWARD WINNERS

NONFICTION

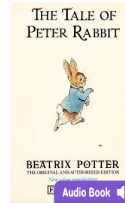
SPANISH



Audio Book



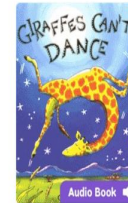
Audio Book



Audio Book



Audio Book



Audio Book



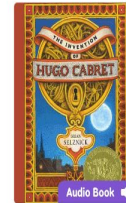
Audio Book



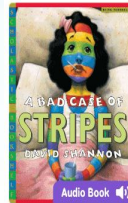
Audio Book



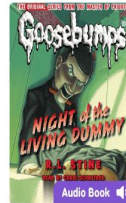
Audio Book



Audio Book



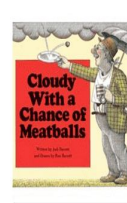
Audio Book



Audio Book



Audio Book



Audio Book



Audio Book



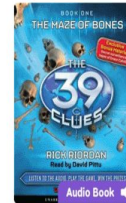
Audio Book



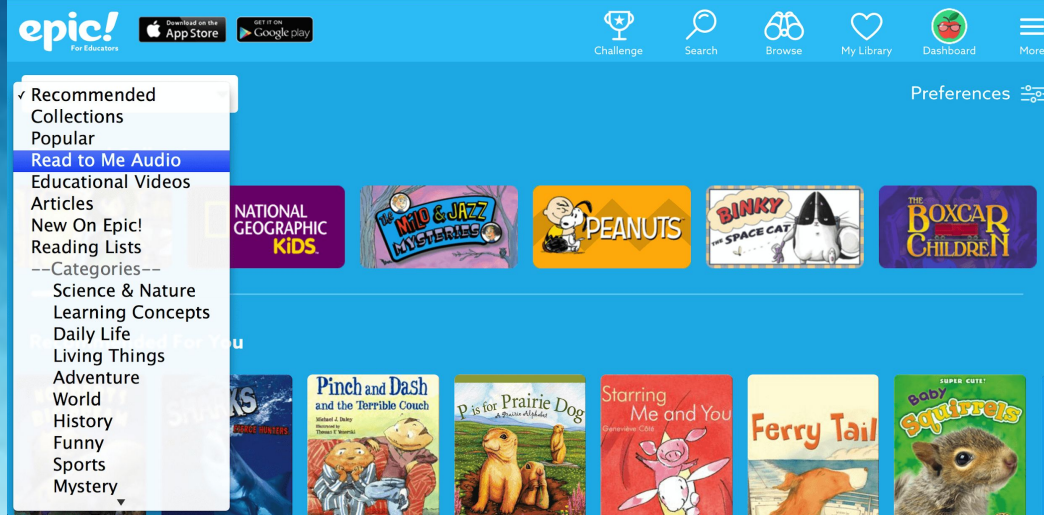
Audio Book



Audio Book

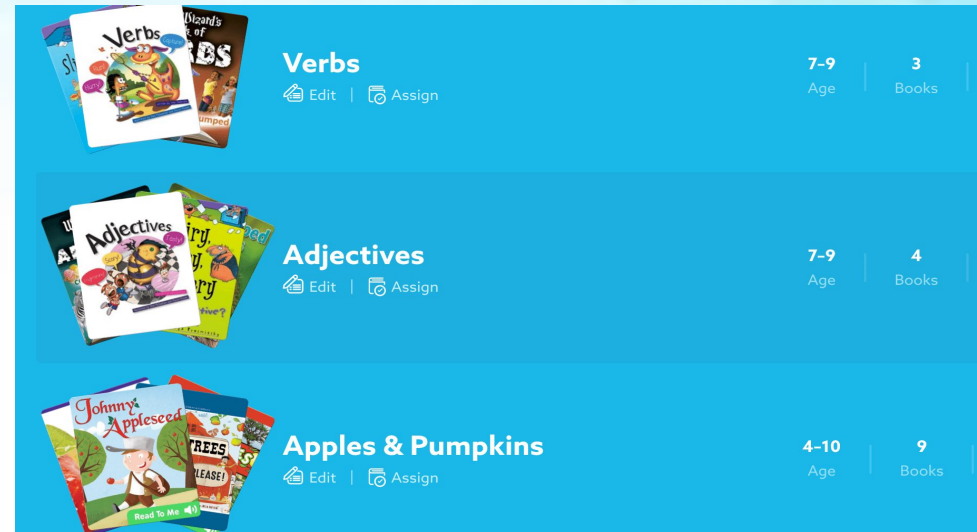


Audio Book



Read to me Audio

Adding Collections!!!



Use Epic! in Your Classroom For All Of Your Language Arts Needs



Group
Reading

Independent
Reading

Daily 5 of
Reading

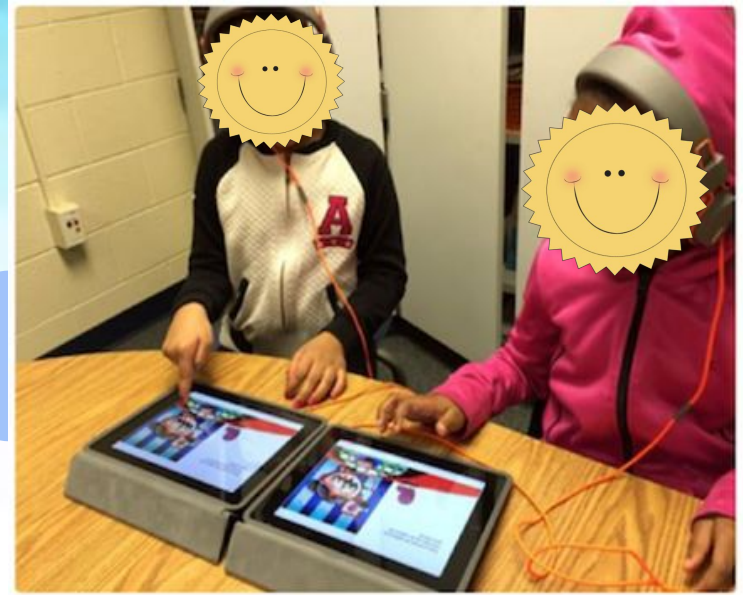
Leveled
Reading
Groups

Use Epic! in Your Classroom

Read Aloud Books



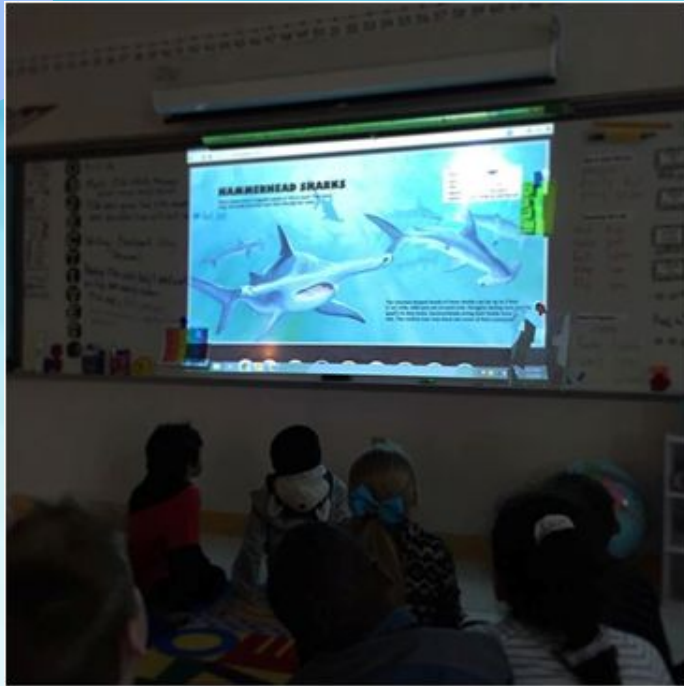
Expose students to different expression and intonation



Listening Center: Great for the "Listen to Reading" step

Use Epic! in Your Classroom

Connect to Your Interactive Whiteboard



Shared Reading or Whole Group lessons

Benefits of Epic



- Reluctant readers may be more open to reading books on Epic!
- Students are empowered to choose their own books.
- Epic! can be used in all areas of curriculum due to a wide range of non-fiction books.
- New books added each week keeps library fresh.

<https://www.getepic.com/educators>

using
**FAKE
TEXTS**
to connect &
engage students



a blog post by the brown bag teacher



ifaketext

Our students are saturated in a world of technology. As educators there is immediate buy-in when we connections between our students' real worlds and our classrooms. One of my favorite (free) resources to do this is called ifaketext.



ifaketext

Reading Journals - Why not set up a conversation between characters in a story and then, have students complete the conversation in their reading journals? Then, give students the opportunity to pair and share with their face or shoulder partner.



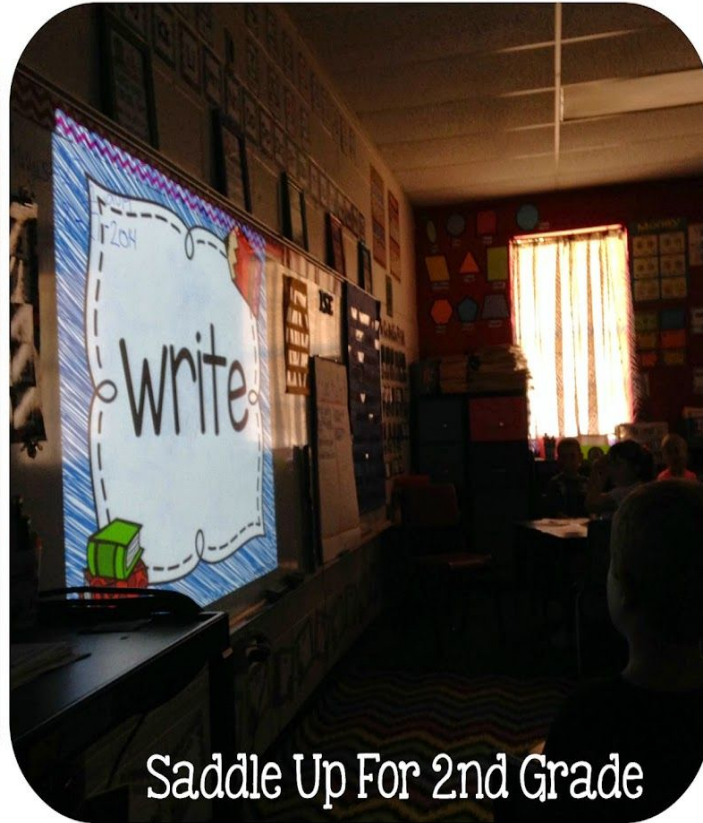
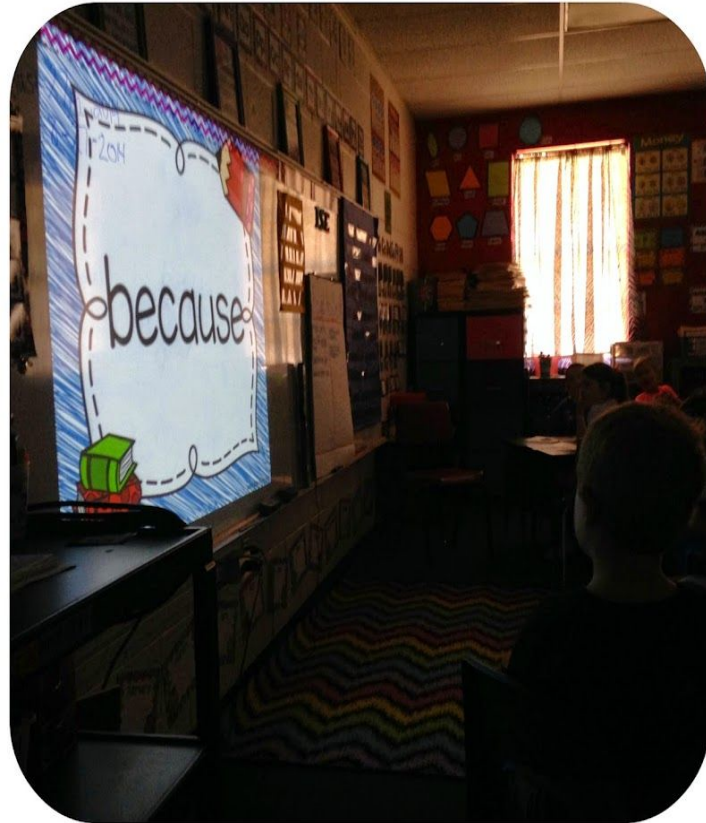
Setting up technology in Phonics

Sight Word PowerPoint



- Being able to read **high frequency/sight words** without hesitation will help your child better understand what is being read
- The less time students spend decoding words the better their comprehension will be.

Sight Word PowerPoint



Use as a
quick
review.

It takes
one or two
minutes.c

Saddle Up For 2nd Grade

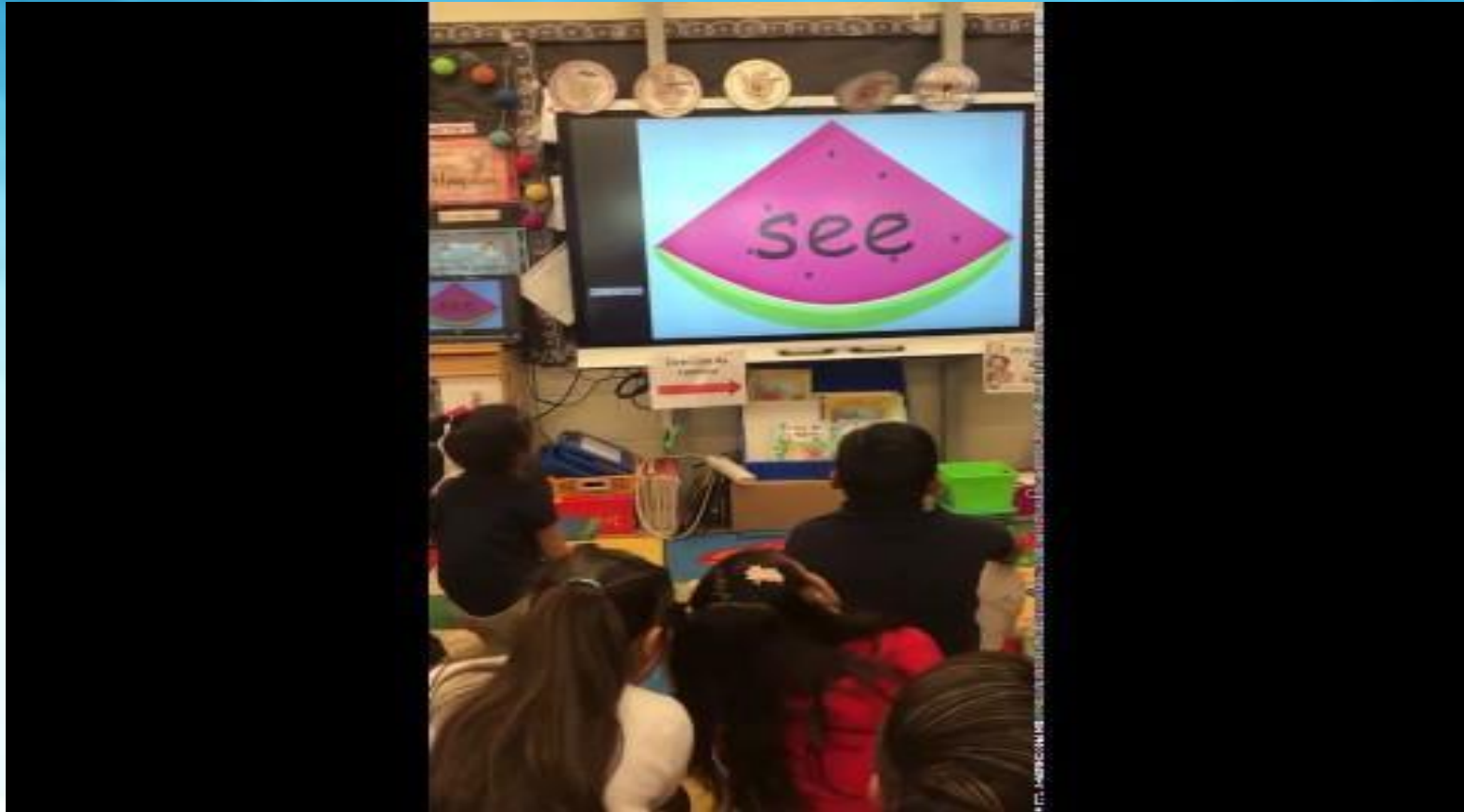
Sight Word PowerPoint

Powerpoint slides are a fast and quick way to get a review everyday.



Sight Word PowerPoint

Incorporate Movements



Sight Word PowerPoint



Miss Lilze Bilingual

This is a FUN way to work on their Spanish sight words, and this is what I do: I project the presentation, and my students using their personal whiteboards have to find out the mysterious word that is hidden in the images. Each image represents a letter.

El Mono Silabo



El mono silabo is a wonderful resource for Spanish teachers to play on their smart board or computers to practice using the syllables to decode words in Spanish.

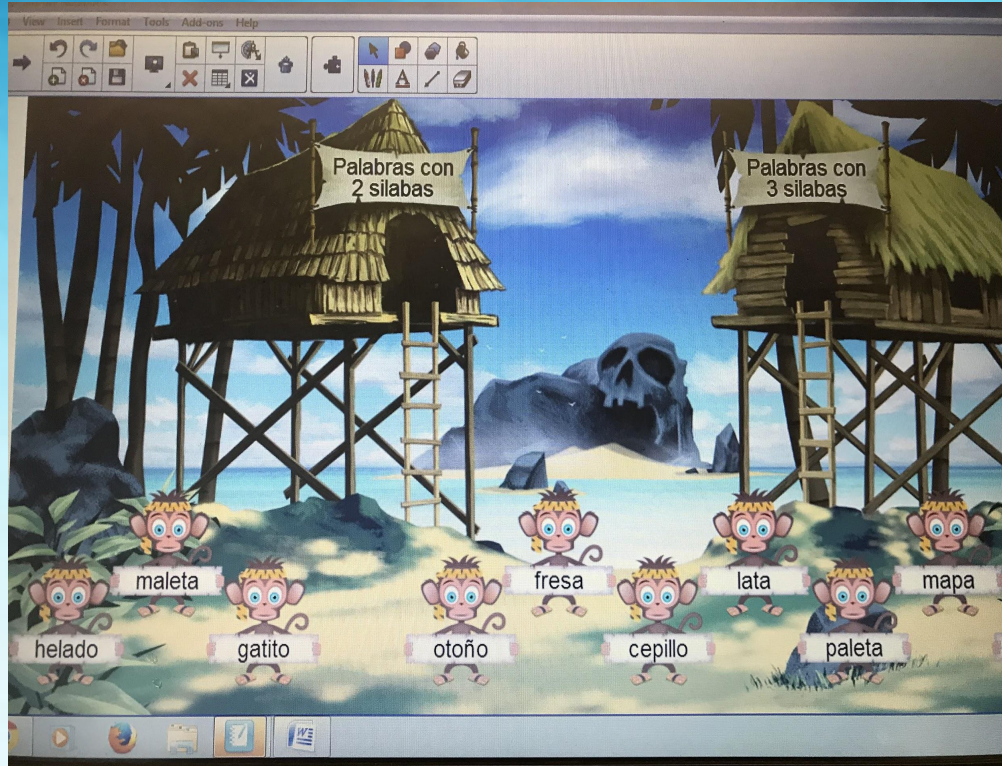
Smart Exchange Activities

Tareas de lectoescritura 1

The smart exchange website has many resources available and ready to use

Many of the activities are editable so you can edit them according to your classrooms needs

Smart Notebook Activities

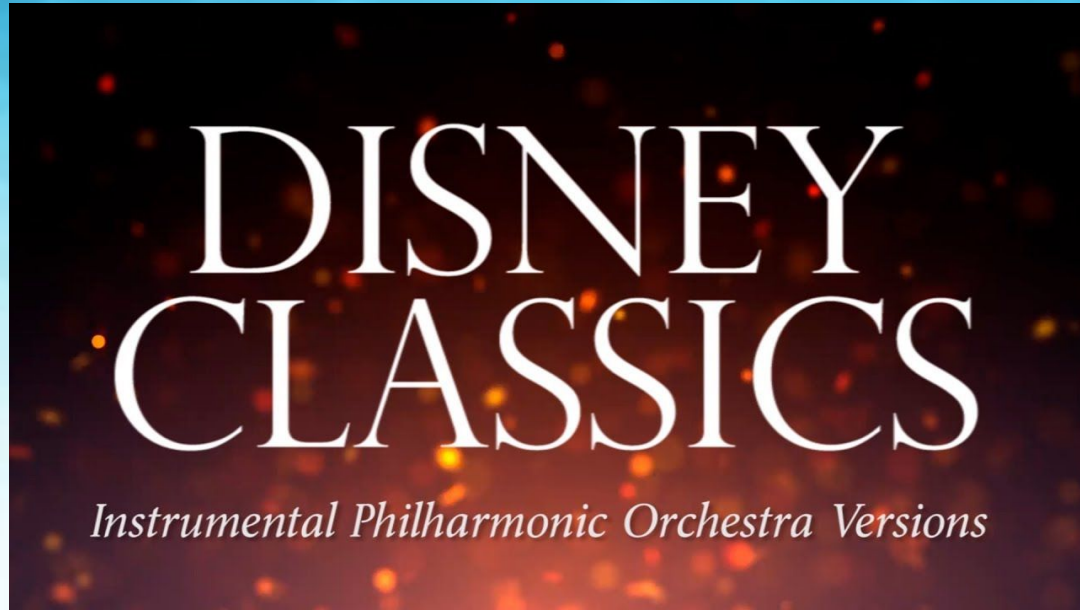


Smart Notebook is another resource that allows you to create your own fun activities that you can use with any subject area

Setting up technology in Writing

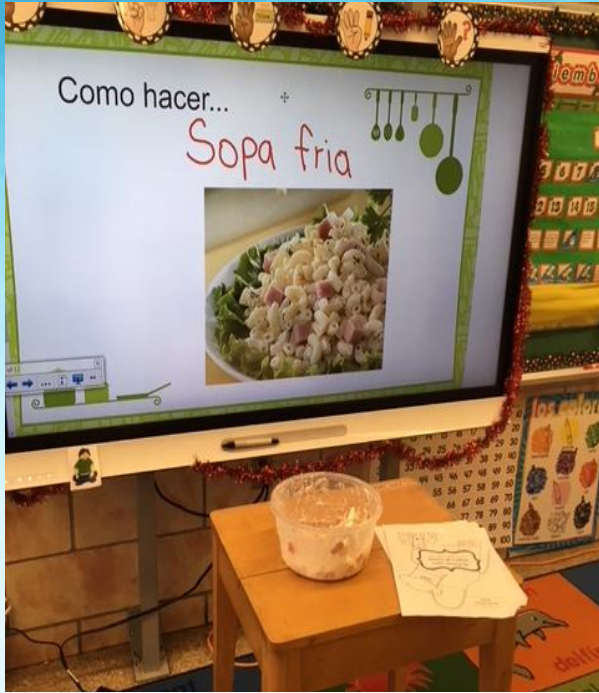


Mood Music for Writing



Studies have shown that music produces several positive effects on a human's body and brain.

Writing Presentations

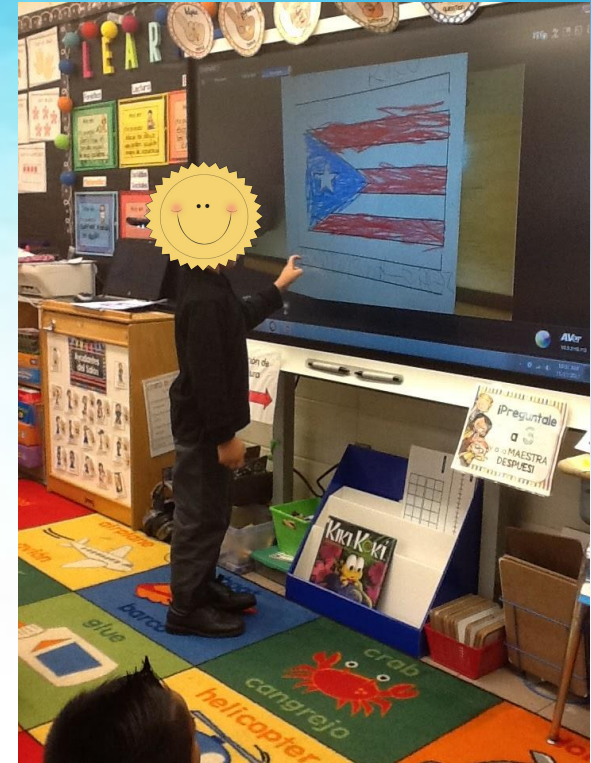


Visual Aids give the students direct sensory contact with the speech; this is important as some people are visual learners.

Writing Presentations



Students can end with a publishing celebration by reading their writing pieces to the whole class.



Writing Presentations



Students feel very confident about their works.

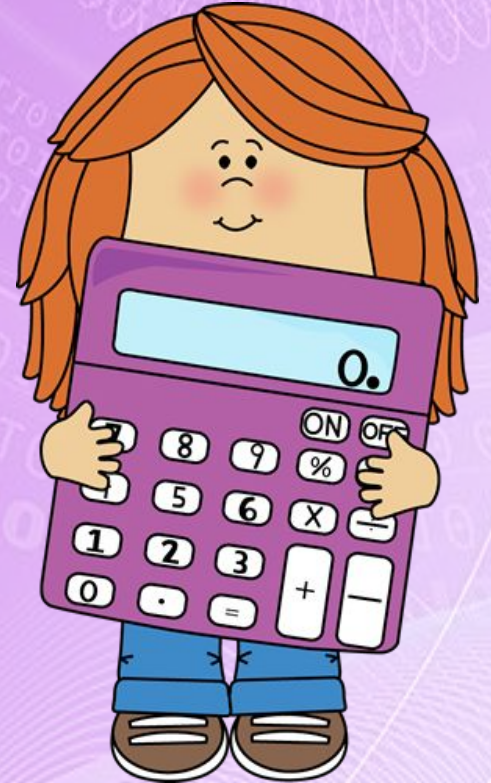
Chatterpix



Chatterpix can make anything talk — pets, friends, doodles, and more; and it's desperately amazing just how much fun making things talk can be. By using the app with any picture or photo you have, it's as simple as drawing a line where you want the mouth and then recording your voice. ChatterPix will do the rest. ChatterPix promotes creativity.



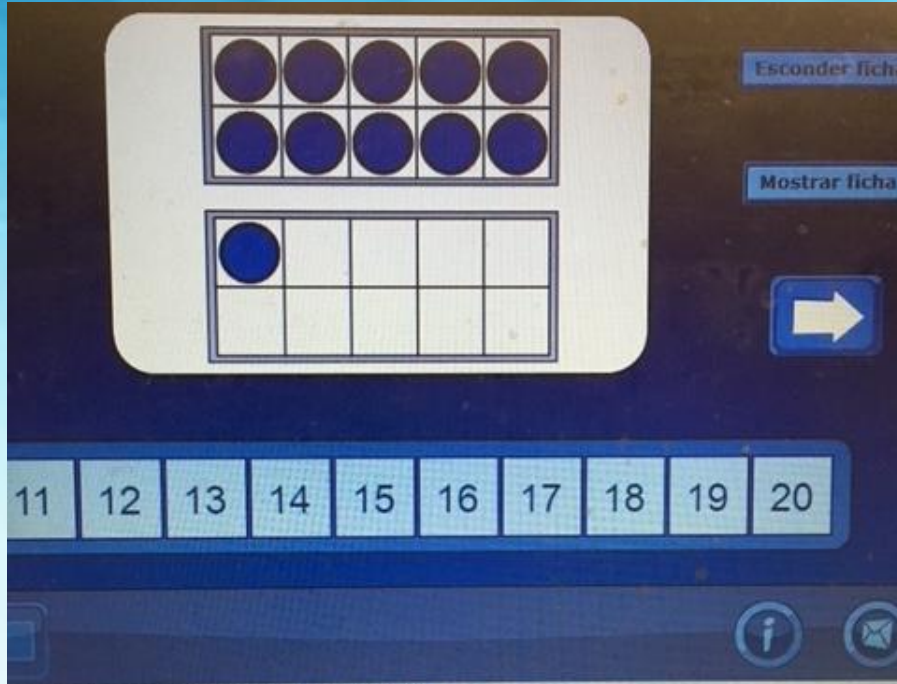
Setting up technology in Math



Using Virtual Manipulatives to Teach Math

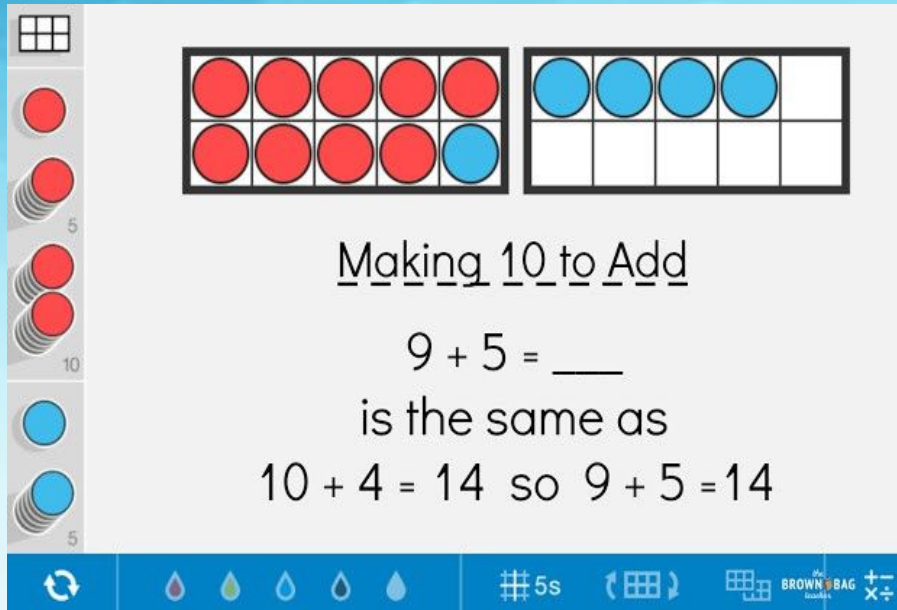
- Abstract concepts
- Manipulatives are CRITICAL
- Past (physical) and Today (virtual)
- Virtual manipulatives are digital "objects" that resemble physical objects.
- Virtual manipulatives may be especially helpful to students with language difficulties, including English Language Learners.

Online Math Manipulative



Dreambox creates an engaging and game-like environment to promote student understanding by encouraging different ways to solve problems.

Online Math Manipulative



The screenshot shows an online math manipulative interface. On the left, there is a vertical toolbar with a 100 grid icon, a single red circle, a stack of five red circles labeled '5', a stack of ten red circles labeled '10', a single blue circle, and a stack of five blue circles labeled '5'. The main area contains two ten frames. The first ten frame is filled with nine red circles and one blue circle. The second ten frame is empty. Below the ten frames, the text reads: Making 10 to Add. Below this, the equation $9 + 5 = \underline{\quad}$ is shown. Below the equation, the text 'is the same as' is displayed. Below that, the equation $10 + 4 = 14$ is shown, followed by 'so $9 + 5 = 14$ '. At the bottom, there is a blue bar with a refresh icon, five colored droplets (red, yellow, blue, green, blue), a '#5s' label, a ten frame icon, a 'BROWN BAG' logo, and a '+ - x ÷' icon.

Making 10 to Add

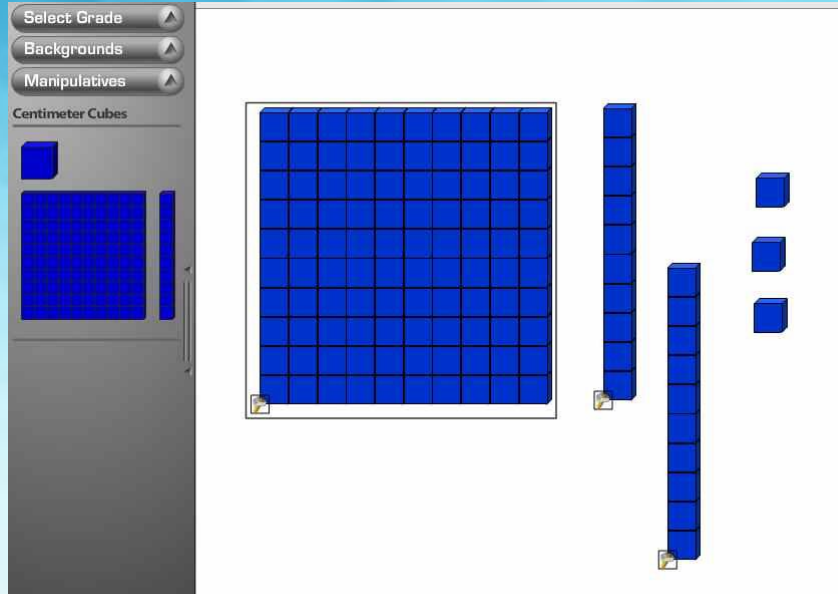
$9 + 5 = \underline{\quad}$

is the same as

$10 + 4 = 14$ so $9 + 5 = 14$

The Math Learning Center offers web and **app-based** manipulatives - with the best resources for building number sense. The Math Learning Center provides easy to use **number-sense building manipulatives** - abaci, ten frames, hundreds charts, etc.

Online Math Manipulative



Glencoe has open ended virtual manipulatives in which you get to decide on the problems students answer using the manipulatives.

**Mc
Graw
Hill**

Glencoe

Online Math Manipulative

1	2	3	4	5	6	7	8	9	10	
11	12	13	14	15	16	17	18	19	20	
21	22	23	24	25	26	27	28	29	30	
31	32	33	34	35	36	37	38	39	40	
41	42	43	44	45	46	47	48	49	50	
51	52	53	54	55	56	57	58	59	60	
61	62	63	64	65	66	67	68	69	70	
71	72	73	74	75	76	77	78	79	80	
81	82	83	84	85	86	87	88	89	90	
91	92	93	94	95	96	97	98	99	100	

CLEAR
PRINT
MAIN

SPLAT online!

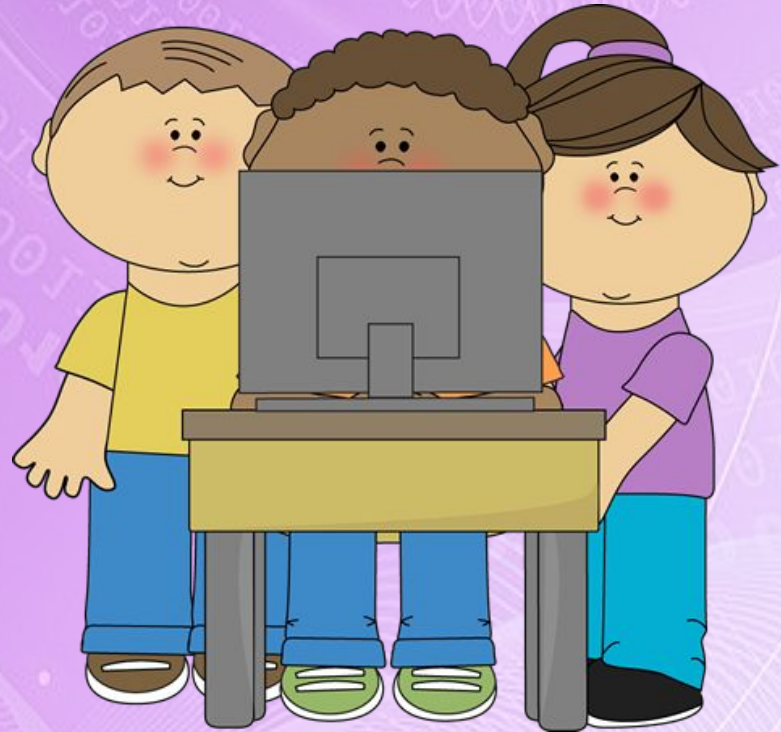
You can recognize number patterns on the 100s chart, as well as, 'before' and 'after'. My go-to 100's chart is [SPLAT online!](#) We turn this online resource into a game, playing as a class on our SMART Board.

Interactive Game



ABCya.com has put out a free app with some of their top virtual manipulatives for fractions, decimals, and percents. Students will love camera feature, allowing them to project math concepts onto everyday objects.

Setting up technology in Content



Visual & Multimedia

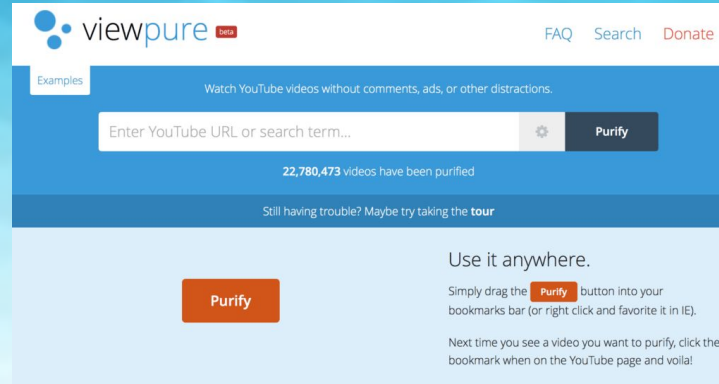


Use Videos for Mini Lessons

You can support your lesson plans by using videos as stand-alone overview for some topics.



Eliminate YouTube Ads Instantly



ViewPure has quickly become my go-to resource for putting YouTube videos onto a blank surface - no ads, no pop-up videos, no automatically playing videos after your video wraps-up...NOTHING! Plus, there is no copying of links involved.

Rather, you drag and drop the orange little button you see below to your Internet Dashboard/Favorites/Bookmarks. Then, when you are on YouTube and need to purify a video, you just press Purify and the video opens in a new white window. Boom - 2 seconds and you're done!

Ipad Storage



Hardwood table top station has 6 cubbies with a protective, nonslip lining...plus a built-in power strip—so you can charge the tablets while they're stored!

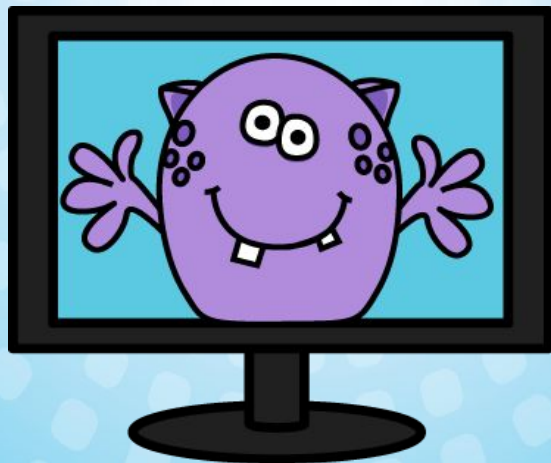
Lakeshore Learning

Ipad Storage



Use a dish rack from Target with some zip ties to hold the power strip. It holds 10 iPads perfectly.

*"Teachers you can take a great advantage of
technology and improve on your teaching
experience and also help your students learn
better."*



Teachers Pay Teachers



<https://www.teacherspayteachers.com/Store/Tropical-Bilingual-Paradise>

click

Facebook

Tropical Bilingual Paradise

<https://www.facebook.com/tropicalbilingualparadise/>

click



List of apps for Language Arts

<https://docs.google.com/document/d/13hqGaHgBWqenxnz--8Ab7qBXv4kYziCBsHgLxesLRAQ/edit?usp=sharing>

List of apps for Math

<https://docs.google.com/document/d/1B5bl9I8bWYpJfsKD9ZyLHrQ5Y8-7DP6aQp3oABBTIDA/edit?usp=sharing>