

BrainPOP Webinar

Making your IWB POP with BrainPOP



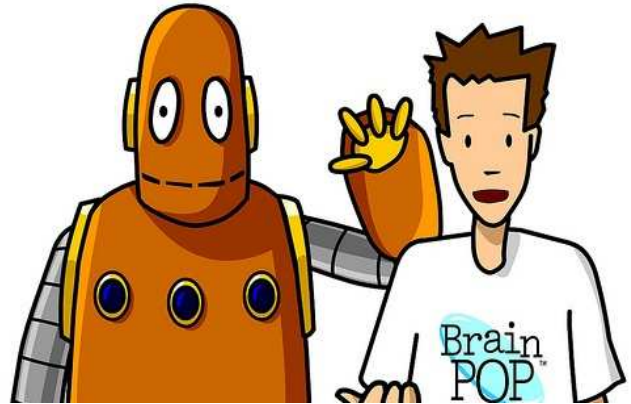
Michael Jones
Bloomington Public School District 87
10/5/2011

WHO ARE THESE GUYS?

Michael Jones (jonesm@district87.org) has been a 7th grade biology instructor for 15 years.

Greg Kocourek (kocourek@district87.org) is a former German instructor who has been teaching geography for the past four years.

Both teach on the 7H team for Bloomington Junior High (<http://www.district87.org/bjhs>) in Illinois and are trainers with *The Moveable Feast* (<http://www.thefeast.org>) through District 87 (<http://www.district87.org>) and the University of Illinois.

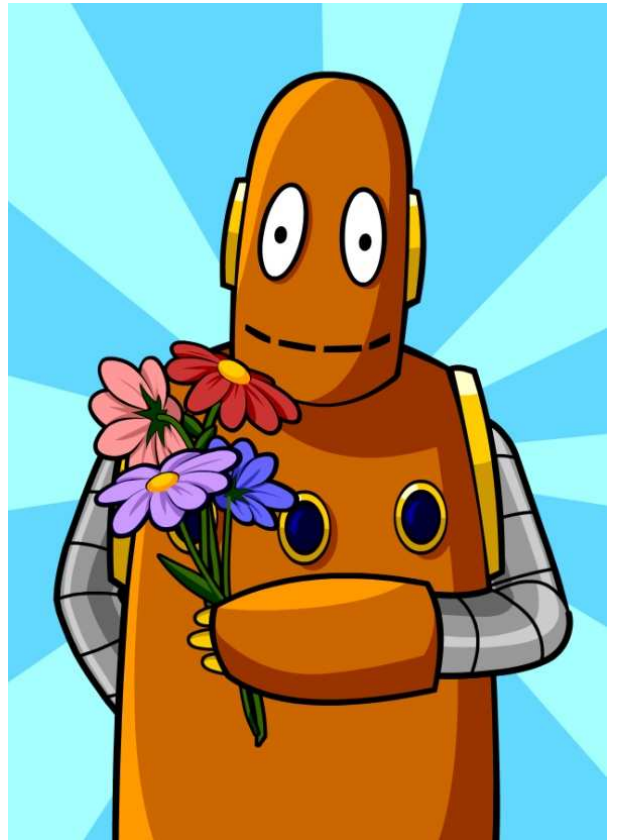


WHY MAKE YOUR LESSONS POP?

We both love BrainPOP, almost as much as our students. In its simplest form, BrainPOP provides focused instruction on a brief topic in a short period of class time. If you do no more than simply show their videos in your class, BrainPOP provides a great multi-media aspect to your curriculum. However, BrainPOP can be so much more than as resources for both students and teachers, designed in a way that it can be universally adapted to our gifted students or those who require specific accommodations. BrainPOP offers teaching resources, such as graphic organizers, lesson plans, assessments, and webinars.

BrainPOP is an award winning (<http://www.brainpop.com/about/awards/>) classroom resource. In a third-party controlled study (<http://www.brainpop.com/about/research/>), BrainPOP users showed a significant increase on standardized scores in vocabulary, comprehension, language and science. 90% of teachers felt that BrainPOP was good or excellent in improving students' attitudes towards school and learning.

This packet is created out of our love for what it can offer to a school. It is a collection of not only what we do in our classrooms but what others are creating. We would love to hear of other success you have had with this program.



HOW TO WATCH A MOVIE

FULL SCREEN AND MAGNIFICATION

Watching a movie doesn't have to be as simple as "Click here to play the movie."

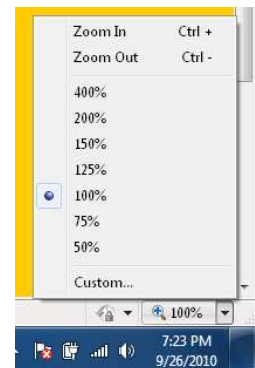
Both the subject and section are listed on the top panel with related videos on the right side. For best results we often recommend using the "Zoom Movie" button. This will make the entire movie play full screen and hide the other programs, task bars, and distractions.



However, there are times in which you might want to watch the video in a large format but still have ready access to other programs. We will stop the video to pose a on the fly question with ActviVotes or ActviExpression. By zooming the movie, you lose access to the floating question icon. Another limitation might be pausing to take notes or write vocabulary words in another program which is now difficult to access. To work around these issues you can

zoom in on the web browser.

To increase the size of items displayed, most browsers have a magnification feature on the bottom, right hand corner. This allows the video to appear proportionally larger, while keeping quick access to other programs. We find this approach better than simply zooming, using the projector's remote which can cause problems with other programs.



Another trick is to hide the tool bars on your browser. While this works with most Internet browsers, this isn't a universal feature. It works best for Explorer, Chrome, and Firefox. When on the browser, hit the "F11" button above the number keys. This will give a full screen appearance. We highly recommend this view for all web-based Internet activities when using a projector.



CLOSED CAPTIONS

In our classrooms, we never show a video without turning on captions. Never!

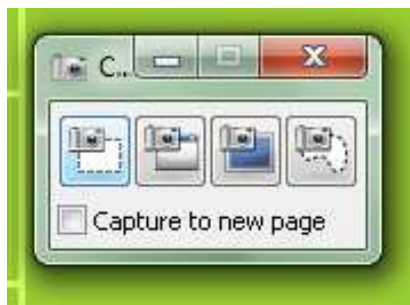
We believe that this is an easy accommodation that can be done for our students. Besides helping students with hearing difficulties, this is good practice for making your lesson universally designed. ELL students need the reinforcement of seeing the words in English while hearing spoken language. Some students with IEP's can benefit from seeing a written definition. Furthermore, any student might mishear a word or definition. It also leads to opportunities for screen capture activities which we will discuss later.



USING SCREEN CAPTURE WITH BRAINPOP

Have you ever spent time looking for that perfect image for a presentation but find out later that it didn't translate well to your lesson? In science, we are plagued with numerous images left to artistic impressions. While a student might understand the concept, they might become lost on applying their knowledge to a hard-to-understand graphic.

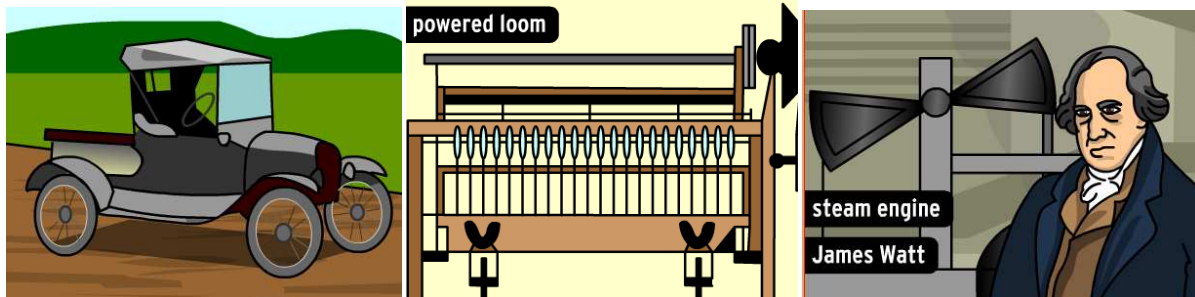
It is easy to bring still images from a BrainPOP video into a video or assessment. In both Promethean and Smart, you will be using the "Screen Capture" tool. Simply pause the video in the selected image and use the tool to insert the image into your document.



Now that the image is in your document, let's look at methods of using this in your instruction.

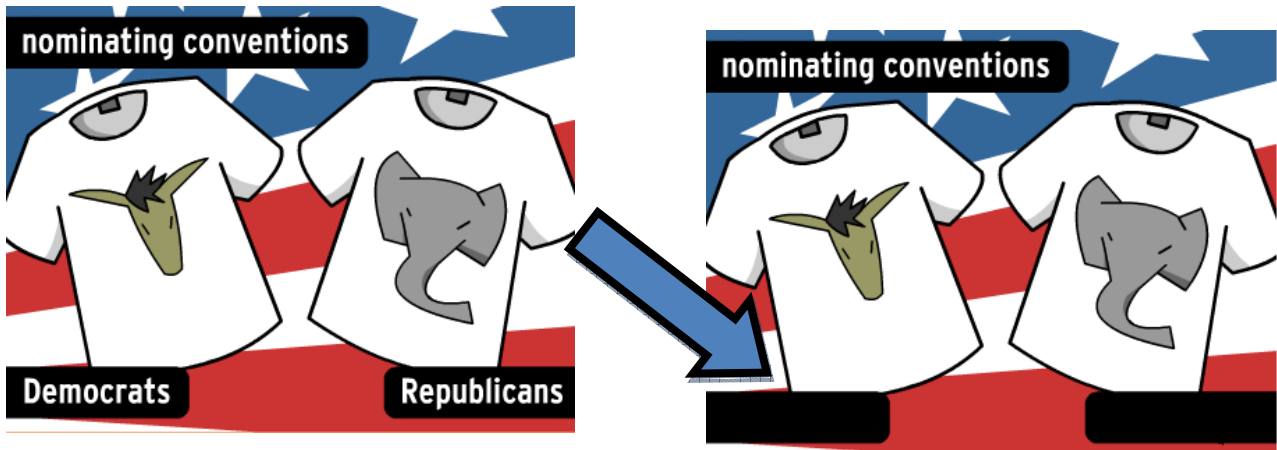
SEQUENCING

If the video deals with a topic that has a timeline aspect, we can sequence these images in order. This works best for story plots, historic events and biography timelines. Below are images for BrainPOP's Industrial Revolution. Can you place each invention in order of their appearance and their importance? (don't worry, I couldn't)



ERASE TO REVEAL

While it may not be necessary, we often will do simple previewing activities before watching a BrainPOP video. Many of these activities take advantage of the screen capture tool.



In erase to reveal, the teacher covers up part or all of an image with the pen tool. After you have covered up the selection, you may simply use the erasers tool to "reveal" the term or notes underneath.



It is important to lock the image in place. This prevents the student from accidentally moving the image exposing all of the text.

PREVIEWING

Before I show the class a video, I capture several stills of key parts of the video. We look at these images to predict information that might be taught in the video. After the video, we look back on these images to check our predictions. One method is the “erase to reveal” collage. In the below example, we have taken several images from the Mark Twain BrainPOP video. Using “erase to reveal,” all images are locked and covered. Students take turns erasing parts to discover the upcoming video.

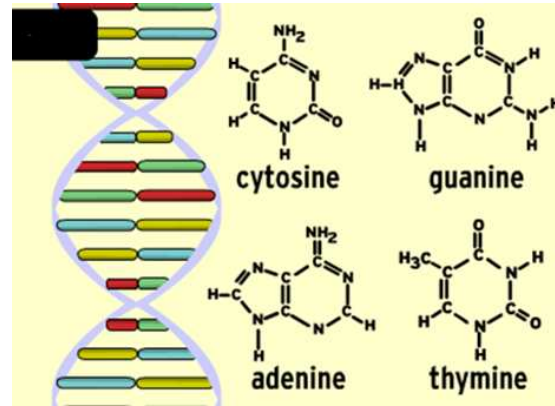
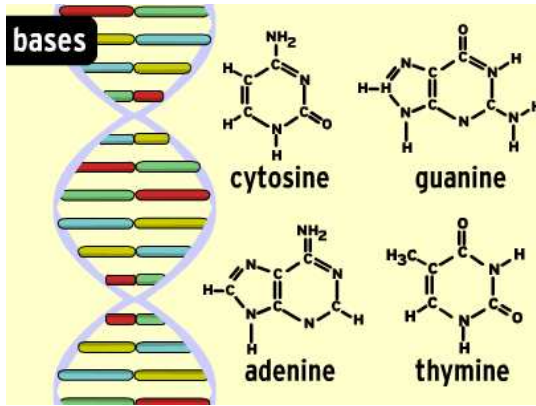


The images above are all from the BrainPOP video, “Mark Twain” under the English section.



VOCABULARY BLACKOUT

After the video, we like to show screen captures of key vocabulary terms. Using our Promethean board, we color over the word. After the video, we can show these screen shots and ask students which words were being displayed. This example works great for creating worksheets and handouts.



These images are from the BrainPOP video, DNA.

Once these images are saved, they can easily be used in your presentations, assessments and test.

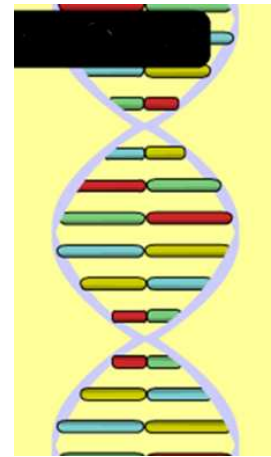
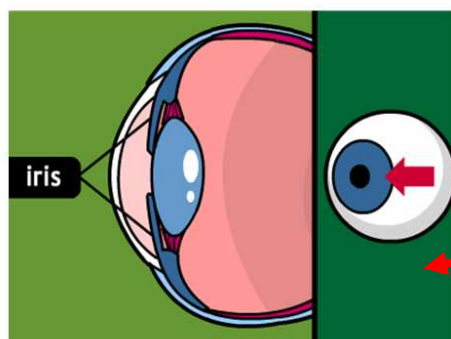


IMAGE SLIDE

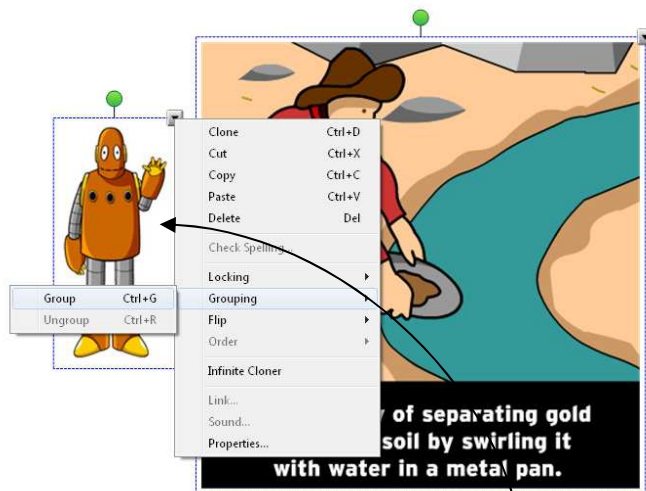
Instead of using ink to hide parts of an image, it is also possible to use the image to hide other images and notes.



Muscle that controls the pupil; colored part of the eye

CREATING GROUPS AND TABS

Sometimes you might want a cleaner look for your presentation. Creating groups and tabs allows the user to have hints readily available while not taking up precious screen space. By selecting multiple images (the Moby below is from Google Image and the screenshot is from BrainPOP's Gold Rush video). Once grouped, the image can be dragged to a side only showing Moby.



Daily Writing Assignment

Describe how "panning" was used to find gold during the California Gold Rush.



Drag Moby for a vocab hint...

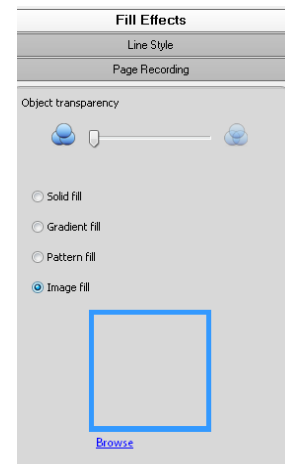
IMAGE FILL

Another way to hide notes and questions is to take advantage of *image fill* option. To use this method, you will need to save images of the video directly on your computer. Both Windows and Macs have built-in software that will accomplish this; however, I use Jing, a free program.

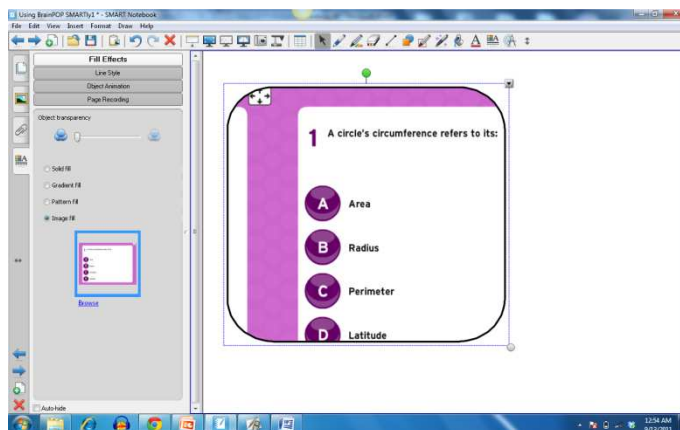
Step one is to insert a shape from your shape gallery.



After you have inserted the shape, select *Image fill* in the control panel. Browse for your saved image on your computer. The image will mainly be hidden from view. Look at the example below.



However, clicking to expand the size of the shape will reveal the entire image contained inside.



MAGIC PAPER

Magic paper is where text the same color of a background is grouped with other text or images. The “hidden text” can only be seen when it is dragged upon another color. The below example have famous authors whose names are hidden. All images are screenshots of BrainPOP videos.

Magic Paper with Screen Capture



Maya Angelou





Judy Blume

To create this reveal effect, you will need to set the background to a color. Next, add a colored shape which contrasts to the background. After inserting images, add text the same color as the background. Group the text with the specific image. A video demonstration can be found at <http://goo.gl/m0EWc>.


GRAPHIC ORGANIZERS

Through the BrainPOP educator’s website, you have access to a variety of organizers to use in your classroom. I have one file dedicated for all BrainPOP graphic organizers. When I need to add these pages to a unit, I simply copy the pages from my template file to the new document.

What's the Meaning of Tim's Shirt?

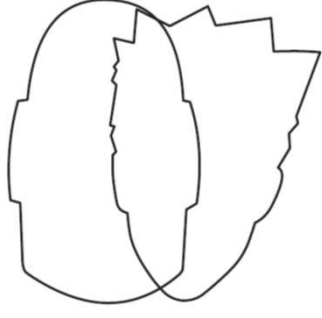
In a paragraph or bullet below, explain each of the following (You may use the back if needed):

- What movie are you referencing?
- Transfer the movie T-shirt to Tim. Explain the symbolism behind the graphic with examples from the movie.
- Discuss at least one detail you learned from this movie.
- On the back, design (& color) another graphic T-shirt for Tim and explain your "Eston statement."



Brain POP Venn Diagram

Student: _____ Teacher: _____



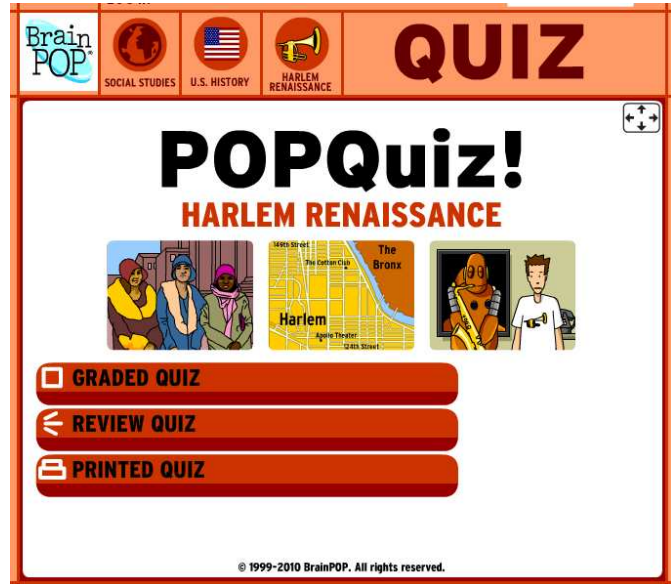
QUIZZES AND ASSESSMENT

GRADED

This is great for students watching and taking the quiz individually. There is no feedback after each question. Grades can be printed, viewed or emailed to the instructor.

REVIEW

We personally recommend this for full-class review. It is similar to *Graded* in format, but no new question will appear until the last is correctly answered. This allows the teacher to discuss misconceptions and discuss the correct answer.



PRINTED

BrainPOP offers teachers the ability to print quizzes for a typical paper quiz. While this approach is fine, I often use these as an accommodation for my special needs students. After printing and laminating a few copies of the quiz, we cut cards so that each contains only one question and pass them out to students when they arrive. This lowers the stress of having each student responsible for answering only one question. Students also benefit from knowing what to focus on during the video.

SCREEN CAPTURE

By using the screen capture tool, you can copy images of each question to place above pre-made question templates in Promethean or Smart. It saves time typing each question and takes full advantage of the features of each system's clickers.

We have included several examples of this in our folders.



ACTIVITIES

Each BrainPOP video offers several activities for the class to use as a lesson assessment. While these are well designed for printing, many are difficult to use through a projector. Below is the full screen capture of BrainPOP's Roald Dahl's activity.

ACTIVITY **GRAPHIC ORGANIZER** **VOCABULARY** **PRINT**

MATCHING Draw a line connecting each term with the correct description.

THE WITCHES	•	• A poor boy wins a golden ticket to meet an eccentric candy maker
JAMES AND THE GIANT PEACH	•	• A woman murders her husband with a piece of meat
THE BFG	•	• A boy and his grandmother stop an evil plot to turn all the world's children into mice
LAMB TO THE SLAUGHTER	•	• A poor boy and his father outsmart a greedy landowner
CHARLIE AND THE CHOCOLATE FACTORY	•	• A young girl befriends a big friendly giant
DANNY, THE CHAMPION OF THE WORLD	•	• A boy escapes from his abusive aunts by sailing across the ocean inside a magical fruit

TRUE OR FALSE

Determine if the statement is true or false. If false, replace the word(s) in bold with the correct word(s) on the line. If true, write 'true' on the line.

- _____ Roald Dahl's parents named him after the famous **Swedish** explorer Roald Amundsen.
- _____ Dahl's first published writing was a magazine article about his plane crashing in **World War II**.
- _____ **James and the Giant Peach** was inspired by the bedtime stories Dahl would make up for his young daughters.
- _____ **Charlie** is the name of the owner of the chocolate factory in *Charlie and the Chocolate Factory*.
- _____ Dahl wrote **7** children's books in total, which have been translated into 34 languages around the world.

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5:53 PM 9/13/2011

Imagine the learner in the back of the room trying to read the board. While this can be altered in the view percentage, it can easily be fixed using screen capture tool.

Fewer questions per page allows the teacher more room for options and accommodations for the students. In the example I created a pull hint tab for struggling students.

Roald Dahl's parents named him after the famous **Swedish** explorer Roald Amundsen.

Norway

Roald Amundsen

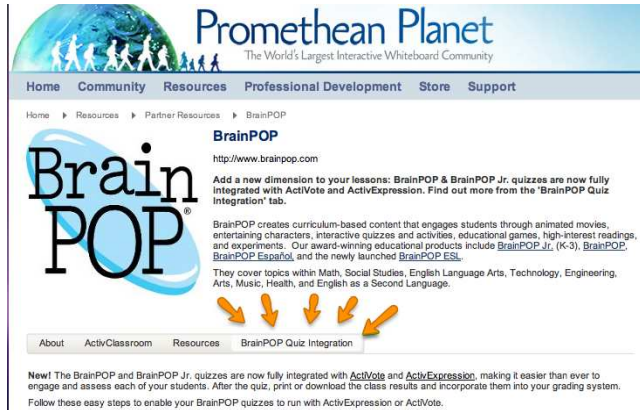
Pull for hint

SEAMLESS BRAINPOP INTEGRATION WITH PROMETHEAN HARDWARE

In order to seamlessly integrate your use of LRS (Activexpressions or Activotes) begin by making sure you have the ActivInspire software and ActivDrivers properly installed and running on your computer. Once you have completed this step, head to the following partner resources website on Promethean Planet and begin these steps.

Head to <http://www.prometheanplanet.com/en/resources/partner-resources/brainpop/brainpop.aspx>

From there you can follow the steps outlined to download the “flash bridge” for whichever OS you are using (windows, Mac, Linux).



The screenshot shows the Promethean Planet website. The header includes the logo and navigation links: Home, Community, Resources, Professional Development, Store, Support. The main content area features the BrainPOP logo and a section titled "BrainPOP" with the URL <http://www.brainpop.com>. Below this, there is a paragraph of text describing the integration of BrainPOP quizzes with ActivVote and ActivExpression. A navigation bar at the bottom of the content area has links for "About", "ActivClassroom", "Resources", and "BrainPOP Quiz Integration", with the last link highlighted. Below the navigation bar, there is a "New!" announcement about the integration with ActivVote and ActivExpression.

Run the flash bridge on your computer.

2. Download the Flash Bridge

In order to run the quiz, you will need to download and install the **Flash Bridge** (ActivSDK Flash Extension). The Flash Bridge acts as the medium between your voting device and your BrainPOP quiz, enabling the two to interact together.

Be sure to log in to Planet, then follow these links to download the Flash Bridge:

- [Flash Bridge for Windows](#)
- [Flash Bridge for Mac OSX](#)

Note: It is only necessary to perform this step the first time you conduct a voting session.

Watch a BrainPOP video with your students and take the quiz. Wait for a moment as BrainPOP recognizes your Activ Votes or Expressions and enjoy!!



The screenshot shows the POPQuiz! interface for a quiz titled "MARS". The interface features a green header with the title "POPQuiz!" and the topic "MARS". Below the title are three small images: a planet, a desert landscape, and a cartoon character. The main content area contains four green buttons: "GRADED QUIZ", "REVIEW QUIZ", "PRINTED QUIZ", and "ACTIVEXPRESSIONS QUIZ". The "ACTIVEXPRESSIONS QUIZ" button is highlighted with an orange arrow pointing to it from the left. To the right of the buttons is a "Wahoo!" speech bubble. At the bottom, there is a copyright notice: "© 1999-2010 BrainPOP. All rights reserved."

For more support and step-by-step instructions, watch this video created by the nice folks at BrainPOP!
<http://www.schooltube.com/video/b0661fb744263e21854b/BrainPOP-Quiz-Integration-With-Promethean>

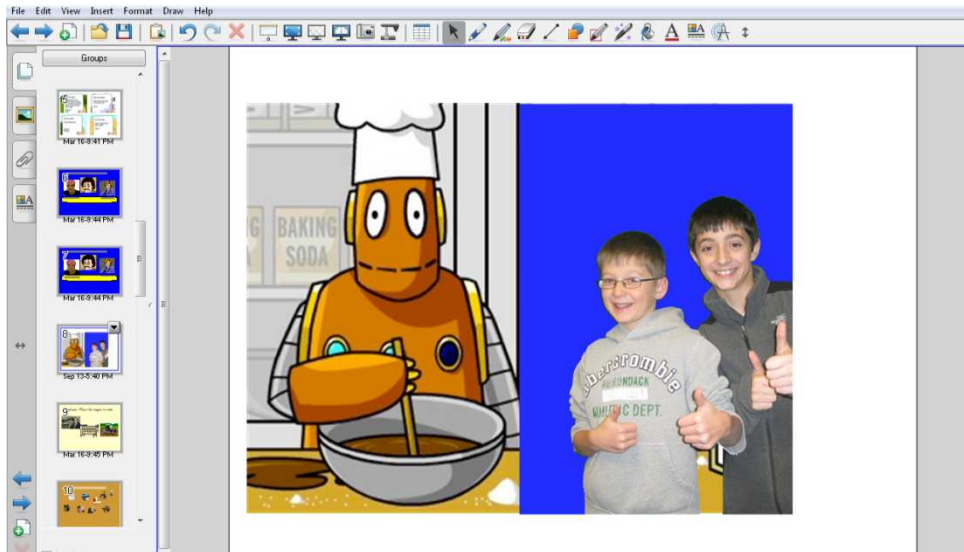
CREATE GREEN SCREEN EASILY WITH SMART

For the Smart software users, it is easy to create sharp layered images within the Notebook program. While this same effect can be done with Photoshop or its free counterpart Gimp, setting up a green screen image is quite simple.

I have my students stand in front of a green screen to take their photograph. Mine is simply a cheap, green table cloth bought at a discount store. Lighting is the key; shadows can make this more difficult. I've also had better luck with the cheaper cameras.



I then add this image on top of a notebook page which already has an image from BrainPOP. Not too impressive at this point



By simply clicking on the top, right arrow, you are offered the option to "Set Picture Transparency." You can then easily mask off the section that you would like to become clear. POW!

