

WHY DO I HAVE TO LEARN THAT???



SCRATCHING TO MAKE LEARNING RELEVANT



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Why Do I Have to Learn That???






Relevant




- ◆ Definition
 - ◆ bearing upon or connected with the matter in hand; pertinent:
- ◆ Synonyms
 - ◆ applicable, germane, apposite, appropriate, suitable, fitting.
- ◆ Source: Dictionary.com



Create Connections

What	Why
Applicable: 	Projects can be integrated into all subject areas and applied to real world issues.
Germane: 	Projects created can closely relate to children's interest, subject area lessons, and personal life experiences.
Appropriate: 	Created for children from the elementary – high school ages; however used by people younger & older.

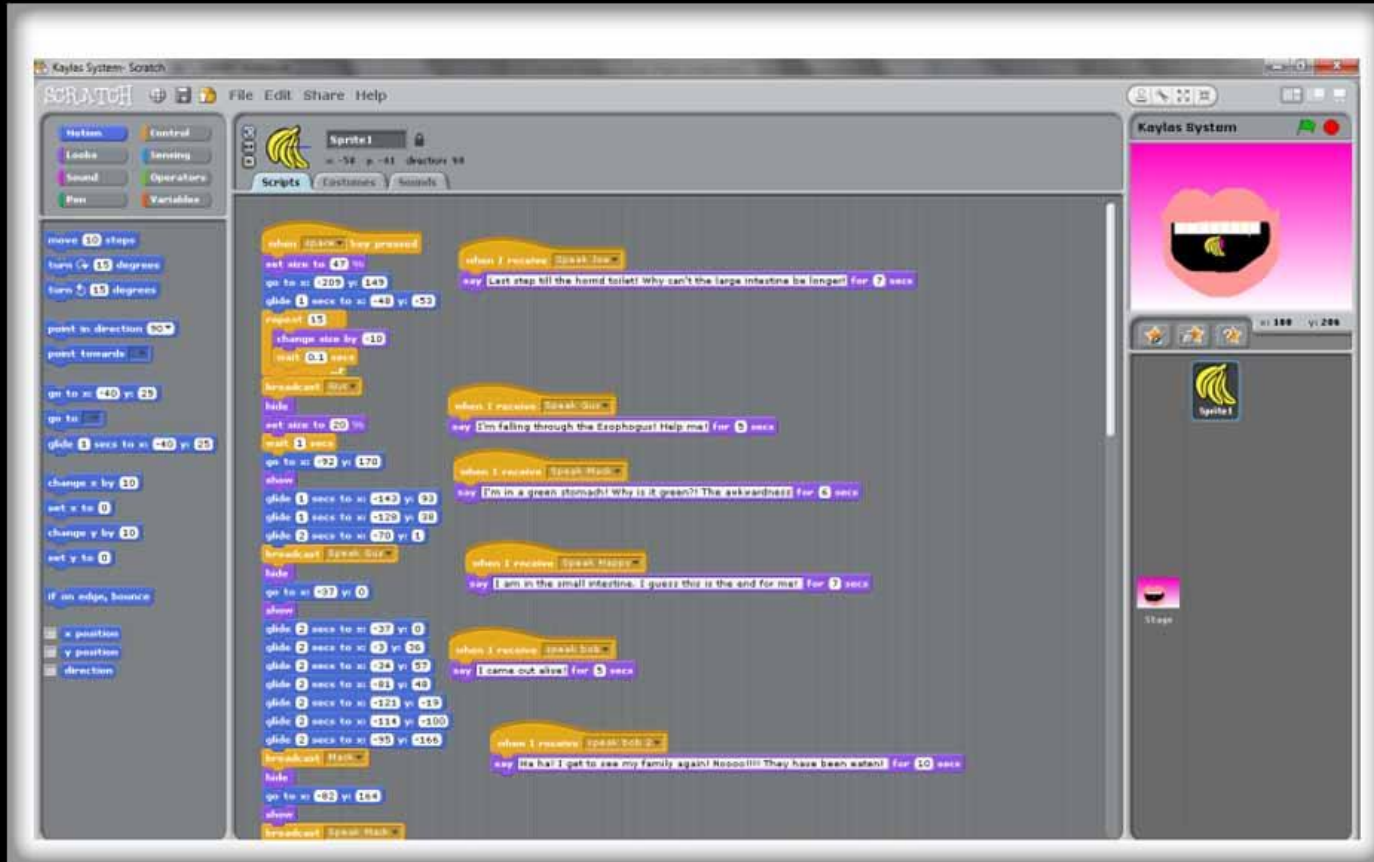
Connected With:

Grade	Description / Connection
4 	Study of the digestive system
5 	Study of the mission of the Space Shuttle Challenger (Halley's Comet)
7 	Creation of a Public Service Announcement along with online discussions

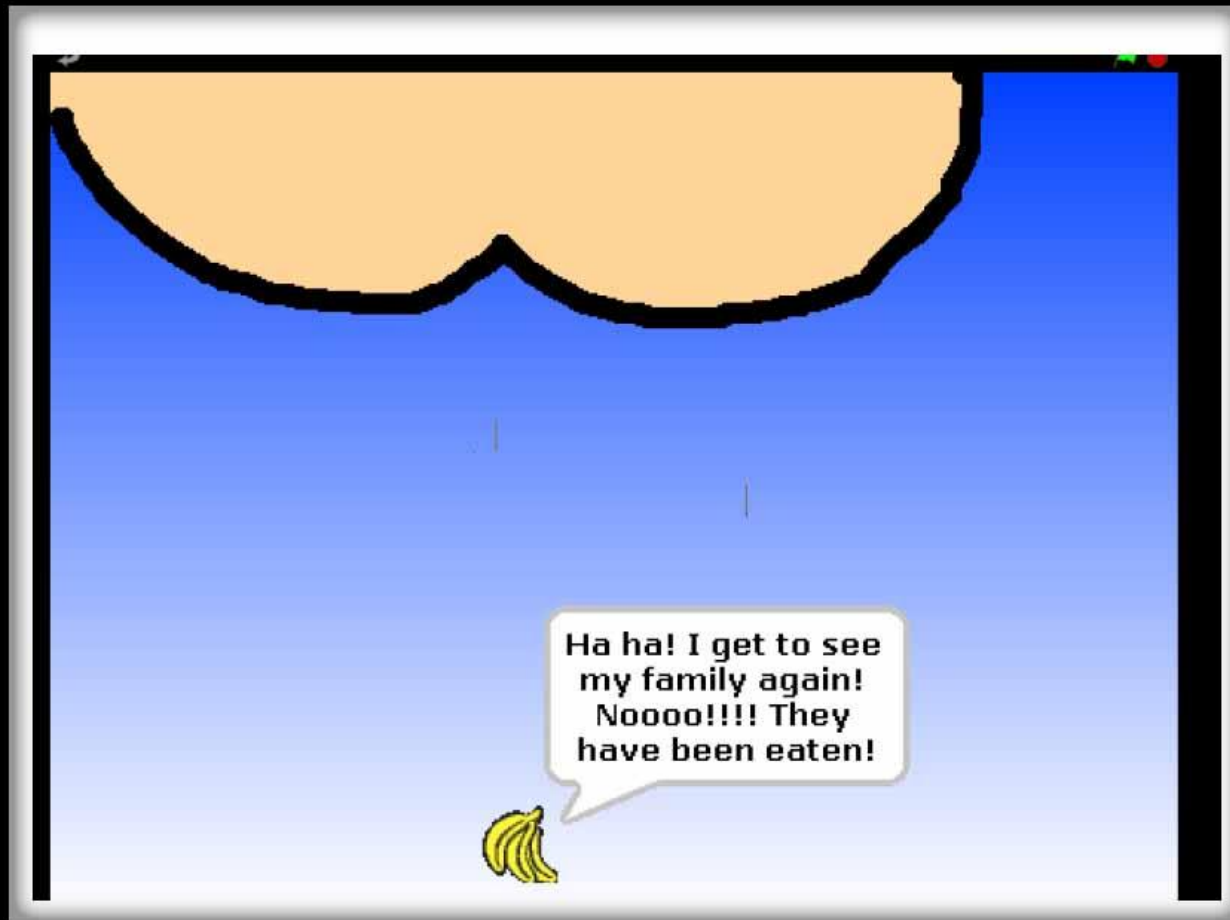
A Digestion Connection – Grade 4



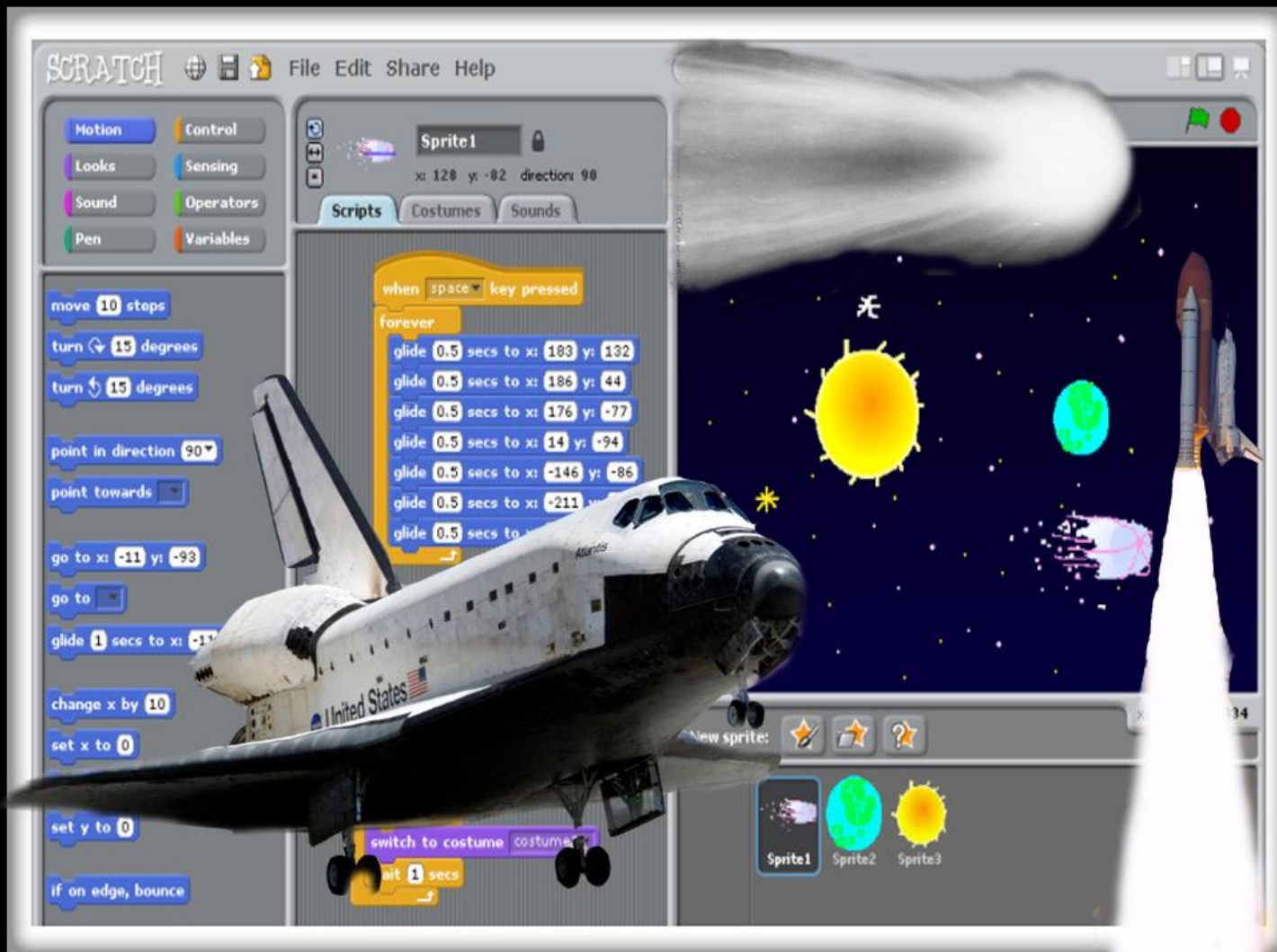
More Than Digestion



What Goes In...Must Come Out



The Challenger Disaster



Continuing the Mission – Grade 5

The image shows a screenshot of a Scratch project page. At the top, the header reads "BUEHLER CHALLENGER & SCIENCE CENTER". Below this is the Scratch logo and navigation links: home, projects, galleries, support, forums, about, my stuff. A welcome message for "techdude221" and a "Logout" link are visible. A message count shows "You have 212 messages".

The main project area is titled "BC Comet 2012" and features a video player showing a comet (a pink and green object) moving across a dark space background with a blue and green Earth in the center. A small black shuttle is also visible on the right.

On the right side, there are several sections:

- Download this project!**: A link to download the 3 scripts of "BC Comet 2012" and open it in Scratch.
- Want to see more?**: A link to click here to see default Java and know what Flash player.
- Project Notes**: A text box stating: "This comet animation was created by a fifth grade student (BC) as part of our research and study of the 1986 Space Shuttle Challenger disaster. Press Space Bar to begin."
- Tags**: A list of tags including "animation" and "1st class".

Overlaid on the right side of the screenshot is a Scratch script for "Sprite1". The script is as follows:

```
when space bar is pressed
  forever loop
    point in direction 90
    glide 2 secs to x: 63 y: 39
    switch to costume costume3
    glide 2 secs to x: 20 y: 97
    switch to costume costume4
    point in direction -90
    glide 2 secs to x: -151 y: -72
    switch to costume costume3
    glide 2 secs to x: -137 y: 30
    switch to costume costume4
    point in direction 90
    glide 2 secs to x: -39 y: 101
    switch to costume costume3
```

Connecting with Space & More



The image is a screenshot of the Scratch website interface. At the top, the Scratch logo is displayed with the tagline "imagine • program • share". Navigation links include "home", "projects", "galleries", "support", "forums", and "about". A user login bar shows "Welcome, [techdude221](#) | [Logout](#)". Below this, a message count states "You have [212 messages](#)".

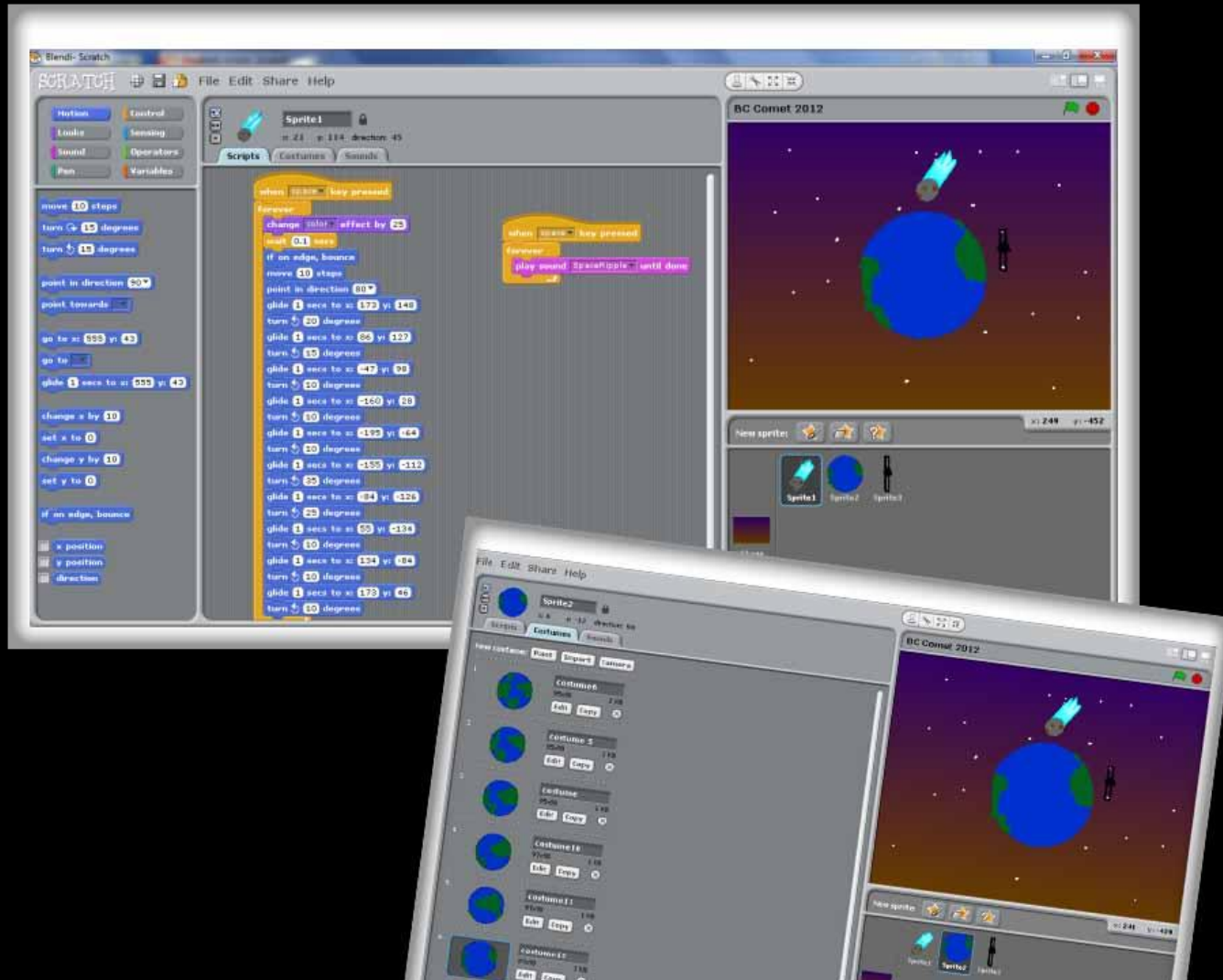
The main content area features a project titled "BC Comet 2012". The project preview shows a space scene with a large blue and green Earth, a black and white comet with a long pinkish-purple tail, and a small black figure. To the right of the preview, there is a "Download this project!" button and a link to "Download the 3 sprites and 4 scripts of 'BC Comet 2012' and open it in [Scratch](#)".

Below the download link, a section titled "Want to switch back?" provides instructions: "Click [here](#) to switch back to the default Java player. Please [let us know](#) what you think of the new Flash player."

A "Project Notes" section follows, containing the text: "This comet animation was created by a fifth grade student (BC) as part of our research and study of the 1986 Space Shuttle Challenger disaster. Press Space to begin".

At the bottom of the screenshot, there is a smaller, tilted view of the same project page, showing the title "Comet Shelley's Trip" and a different space scene with a green and blue Earth and a small red and white comet.

Rendezvous with Comet Halley: Mission Accomplished



Scratch PSA – Grade 7

The screenshot shows a Scratch project page. At the top is the Scratch logo with the tagline 'imagine • program • share'. Navigation links include 'home', 'projects', 'galleries', 'support', 'forums', 'about', 'my stuff', and 'Language'. A user greeting says 'Welcome, [techdude221](#) | [Logout](#)'. A search bar is present. A message bar indicates 'You have 212 messages'.

The main project area is titled 'Cancer PSA' and contains a large black rectangle with white text that reads: 'Help find this cure! Help save children like Lily! Their waiting on you to help them! So please, just try to help find the cure for cancer. In any way you can!'.

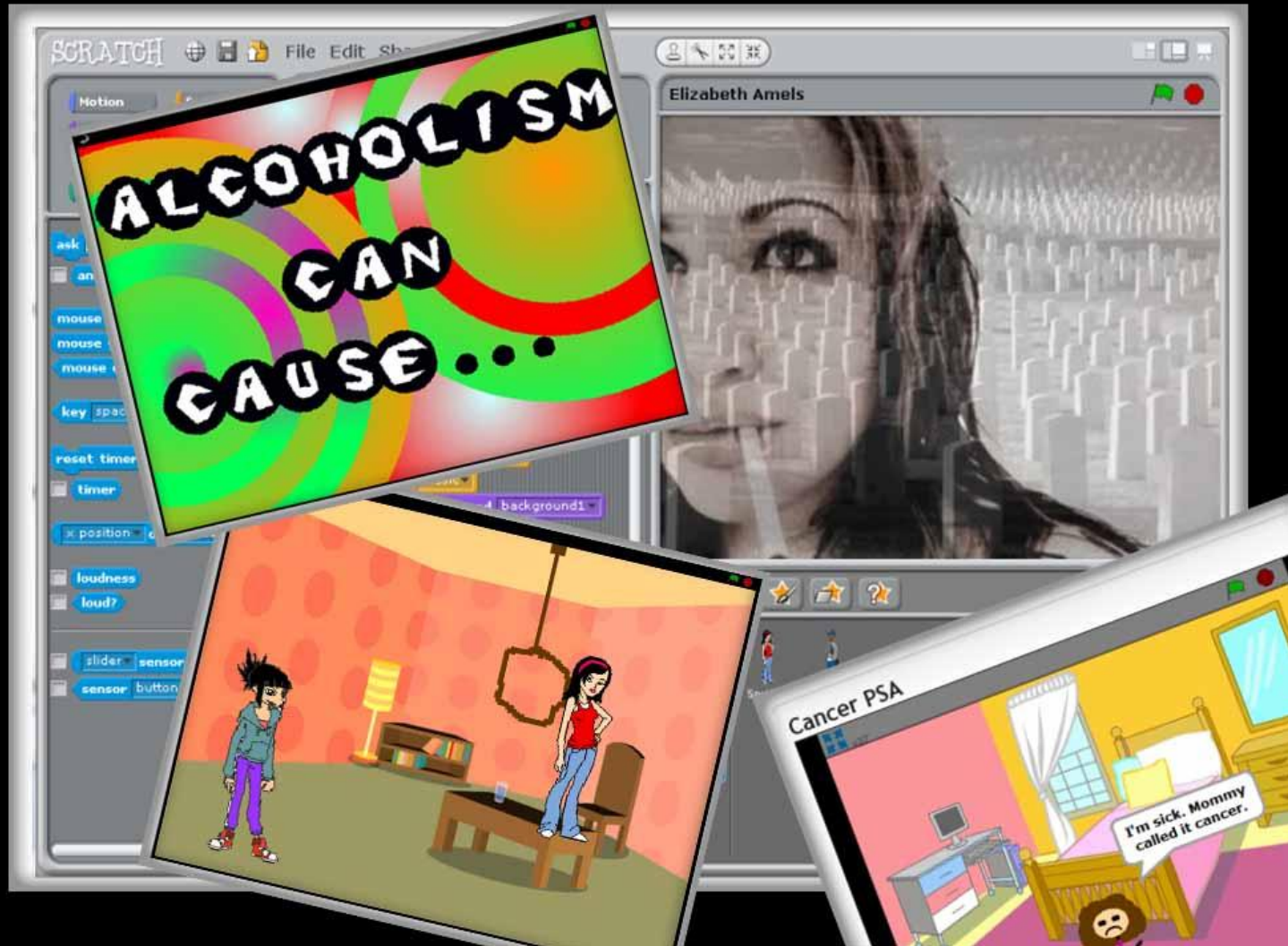
On the right side, there are three sections: 'Download this project!' with a version 1.4 icon and instructions to download a sprite and scripts; 'Want to switch back?' with a link to switch back to the default Java player; and 'Project Notes' which contains a personal message about the project's importance to the creator.

Download this project!
Download the one sprite and 2 scripts of "Cancer PSA" and open it in [Scratch](#)

Want to switch back?
[Click here](#) to switch back to the default Java player. Please [let us know](#) what you think of the new Flash player.

Project Notes
The project topic is very important to me for it has affected my family in many ways. My little sister was diagnosed with cancer when she was younger. Ever since then, the disease has had an important place in my life. To start the project, press the SPACE bar key.

Real World Issues

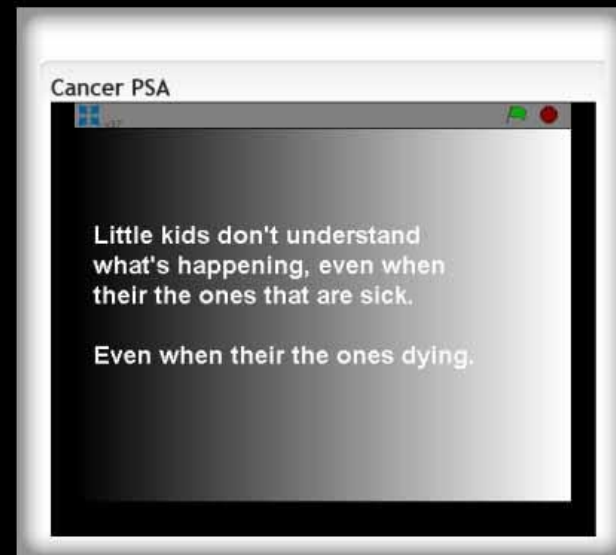


A Story About My Sister

All over the world...
Everyday...
Children become sick with
cancer...



A Family's Personal Feelings



21st Century Learning

The screenshot shows the Scratch website interface. At the top, the Scratch logo is on the left, and navigation links (home, projects, galleries, support, forums, about, my stuff) and a language dropdown are on the right. Below the logo is the tagline 'imagine • program • share'. A user login bar shows 'Welcome, techdude221 | Logout' and a search box. A message bar indicates 'You have 212 messages'. The main content area features a project titled 'Cancer PSA' with a preview window showing a character on a cloud with a speech bubble. To the right of the preview are three sections: 'Download this project!' with a version 1.4 icon and download instructions; 'Want to switch back?' with a link to the default Java player; and 'Project Notes' with a paragraph about the project's personal significance.

SCRATCH
imagine • program • share

home projects galleries support forums about my stuff Language

Welcome, [techdude221](#) | [Logout](#)

You have [212 messages](#)

Cancer PSA

I learned something. Sometimes, mommy lies. If everything was okay, then why is she still crying? Why is daddy and grandma still crying?!

Download this project!

Download the one sprite and 2 scripts of "Cancer PSA" and open it in [Scratch](#)


Want to switch back?

[Click here](#) to switch back to the default Java player. Please [let us know](#) what you think of the new Flash player.

Project Notes

The project topic is very important to me for it has affected my family in many ways. My little sister was diagnosed with cancer when she was younger. Ever since then, the disease has had an important place in my life. To start the project, press the SPACE bar key.

Online Discussions / Netiquette



she looks at me,
she cries.

[SavannahGoesB...](#) shared it 2 months, 1 week ago Some rights reserved

3 views, 2 people love it, 2 downloads, in [1 gallery](#)

[Love it?](#) [Add to my favorites?](#) [Flag as inappropriate?](#)
[Add to a gallery](#)

Comments

Add a Comment

0/500

[Add](#)

[lilfern](#) 2 months ago

This has got to be the best Scratch project I've ever seen. I know what it feels like to be in Lily's situation because my mom, too, had cancer. She didn't die from it and I'm lucky for that.

[reply](#) [flag as inappropriate](#)

[heathermarie429](#) 2 months ago

Wow this is really good! The details were great! I noticed how she started to lose her hair. this is a really good way to express this topic.

much play!

Project Notes

The project topic is very important to me for it has affected my family in many ways. My little sister was diagnosed with cancer when she was younger. Ever since then, the disease has had an important place in my life. To start the project, press the SPACE bar key.

Tags

Add Tags

[Add](#)

Link to this Project

Embed

More Projects by SavannahGoesRawrr

[mcs_styles](#) 2 months ago

This is by far the best scratch project I've ever seen. I legit teared up when I saw it. The storyline was perfect and I noticed how she was gradually losing her hair. Everything was perfect. Great job!

[reply](#) [flag as inappropriate](#)

[NoemiMega](#) 2 months ago

I really love this how the girl was told everyone not to cry anymore.

[reply](#) [flag as inappropriate](#)

[JackieMarie202](#) 2 months ago

This is a really nice project, its nice that you chose to do this project about cancer because you have lived with this real life experience.

[reply](#) [flag as inappropriate](#)

[llozlukebilyk](#) 2 months ago

nice job cancer is a serious situation and this project is very cute!

[reply](#) [flag as inappropriate](#)

[curlyque2899](#) 2 months ago

Really good. It defently proved the point, cancer is a huge problem that needs a cure.

[reply](#) [flag as inappropriate](#)

Scratching to Make Learning Relevant



Credits

- ♦ Bored Students in Lecture Hall . (2009). Image. Retrieved July 11, 2012, from MicrosoftOffice.com: <http://office.microsoft.com/en-us/images/results.aspx?qu=students&ctt=1#ai:MP900443256|mt:o|>
- ♦ DUCKofD3ATH on Flickr. (2007). Image. Atlantis Comes Home. Retrieved July 12, 2012 from Fotopedia.com: <http://fr.fotopedia.com/items/flickr-626754359>
- ♦ NASA Goddard Photo and Video on Flickr. (2011). Image. Space Shuttle Discovery STS-133 . Retrieved July 12, 2012 from Fotopedia.com: <http://www.fotopedia.com/items/flickr-5477483526>
- ♦ relevant. (n.d.). *Dictionary.com Unabridged*. Retrieved July 11, 2012, from Dictionary.com website: <http://dictionary.reference.com/browse/relevant>
- ♦ Teacher in a school pointing to the blackboard. (n.d.). Image. Retrieved July 11, 2012 from Microsoft Office.com: <http://office.microsoft.com/en-us/images/results.aspx?ex=2&qu=blackboard#ai:MC900295477|mt:o|>
- ♦ Undertow851 on Flickr. (2011). Image. Halley's Comet in 1910 from Mount Wilson Observatory. Retrieved July 12, 2012 from Fotopedia.com: <http://www.fotopedia.com/items/flickr-5809972260>