



Erasmus Course: 09-13 December 2019 (London)

Interactive ICT-Based and Web Tools for an Effective Blended, Flipped and Cooperative Learning

Attended by: Ms Sharon Attard Farrugia and Ms Clare Sapienza



De La Salle College
Senior School



Reaching Every Student's Unique Learning Teaching Style





Objectives of this Mobility Experience

- Become aware of key issues related to **digital literacy in education**, within the context of **cooperative learning, blended learning** and **flipped classroom**
- Reflect, discuss and review on blended, flipped and cooperative teaching and learning by **integrating technology and web tools**
- Getting inspired by best practices on **how ICT can enhance students motivation, participation, entrepreneurship and learning**
- Improve digital skills by working with a range of interesting tools, software and programmes for teaching and learning
- **Design and develop concrete teaching projects** (multimedia contents, resources and blended lessons) to be applied in classroom



Photo 1

- Delivering a presentation on: Good ICT-related Practices at De La Salle College, Malta



Photo 2

- Hands-on approach. Participants were given tasks to complete individually, in pairs and in groups using the new tools presented.



Photo 3

- School Visit



Photo 4

- Cultural walking tour around London city centre



- ✓ an educational website that takes the ideas of a social network and refines them making it appropriate for a class.
- ✓ Students and teachers can reach out to one another and connect by sharing ideas, problems, and helpful tips.



- ✓ A teacher can assign and grade work on Edmodo; students can get help from the entire class on Edmodo.
- ✓ It is a safe environment. There is no bullying or inappropriate content, because the teacher can see everything that is posted on Edmodo.



edmodo Home Classes Discover Library Messages Search

Sharon Attard Farrugia posted to **VET Hospitality - 4 sche...** More
Teacher
24 minutes ago

The handouts about fish

Unit 2 - fish and meat.pdf

Like Comment Share

Write a comment...

Sharon Attard Farrugia posted to **VET Hospitality - 4 sche...** More
Teacher
38 minutes ago

K6 - Fish 0 submissions

Due 01/26

13 questions • 15 minutes

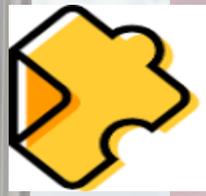
Read questions well as you have 20 minutes to answer all questions. Good Luck

View all classwork

Invite People

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edpuzzle

- Students can watch and engage with videos while the teacher gathers data throughout the lesson.
- Videos to be watched at home instead of eating up valuable class time.
- Allows you to take a video from Youtube etc or you can upload your own video and manipulate the portion that you need.
- You can crop the video to remove or shorten the video.
- The teacher has the capability to record their voice on top of the video.
- The quiz feature allows you to embed questions as students are watching the video.
- On the teacher account you can see the progress that the student has made on the questions and the amount of time the student has taken to complete the lesson.
- Teachers can also place restrictions on the video, so students can not fast forward through the video.
- Videos can be easily embedded onto learning management systems such as Edmodo, Moodle, etc.

A background image of three students in a library. A young woman with long dark hair is on the left, smiling and looking towards the center. In the middle, a young man with dark hair is smiling broadly, looking towards the right. On the right, another young woman with glasses is looking down at a book. They are sitting at a table with a laptop and books. The background shows bookshelves filled with books.

How to use edpuzzle

1. Register with your google account as a teacher
2. Search a topic
3. You can use a video which is available and copy it into your content.
4. You can also copy a video and edit e.g. adding more questions to the video.

Content



Search

Filter by subject

Home

Curriculum

De La Salle School and La...

My Content

Popular channels

Edpuzzle

YouTube

Khan Academy

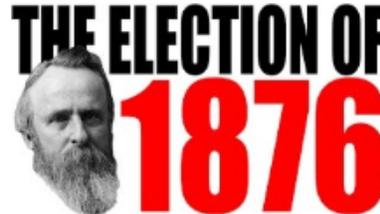
National Geographic



03:14

Geography Lesson: What is a Volcano?

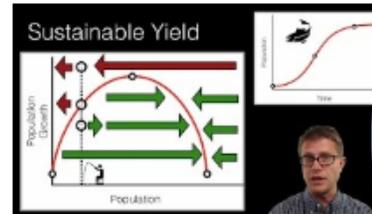
Sten Vaara



12:18 6

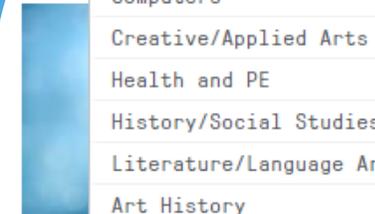
The Election of 1876 Explained

Emily Dunning



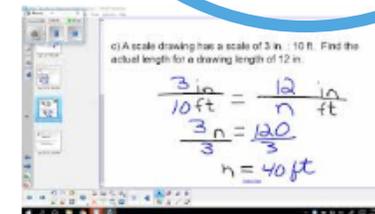
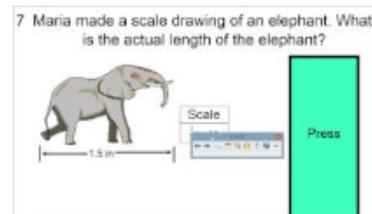
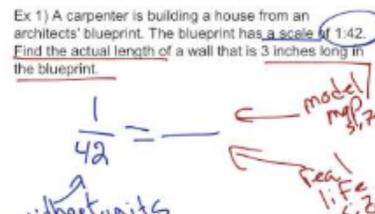
07:32 11

Copy of Fishing Nikki Mosblech



09:41

Pedic Lisa



Filter by subject

General education

Computers

Creative/Applied Arts

Health and PE

History/Social Studies

Literature/Language Arts

Art History

Math

Music

Science

Special Education

STEM

<https://edpuzzle.com/content>

The screenshot shows the edpuzzle website interface. At the top left is the edpuzzle logo and a search bar. The top right has navigation links for Content, Gradebook, My Classes, and a user profile icon. A yellow button labeled "Refer to earn space" is visible. A left sidebar contains a menu with items like Content, Home, Curriculum, De La Salle School and La..., My Content, Popular channels, Edpuzzle, YouTube, Khan Academy, National Geographic, and TED Talks. The main content area is titled "Basic account" and "Videos". It displays a grid of video thumbnails with their titles, durations, and like counts. The videos shown are: "Diabetes Explained" (08:02, 10 likes), "Osteoporosis" (00:54, 8 likes), "Osteoporosis" (01:29, 3 likes), "Cross contamination - Foodsafe in seconds" (00:45, 3 likes), "CONVENTIONAL VS ORGANIC" (03:20, 7 likes), "WHY ARE ADDITIVES added to FOOD" (00:56, 5 likes), and "Digestive System" (03:19, 7 likes).

<https://edpuzzle.com/media/5e2ad20c02983840e52d24a3>



<https://videos.mysimpleshow.com/EHJygGtvyr>

- An explainer-video creation tool
- It offers several storylines to choose from, including: presenting a CV, explaining a workflow, introducing a biological or chemical process and even explaining a mathematical formula.

+ CREATE GENIALLY

MY CREATIONS

MY BRAND

INSPIRATION

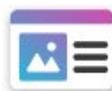
★ Plans

? Help

English

What you can create with Genially

Search for a template



PRESENTATION



DOSSIER &
REPORT



LEARNING
EXPERIENCE



GAMIFICATION



INTERACTIVE
IMAGE



HORIZONTAL
INFOGRAPHIC



VERTICAL
INFOGRAPHIC



GUIDE



VIDEO
PRESENTATION



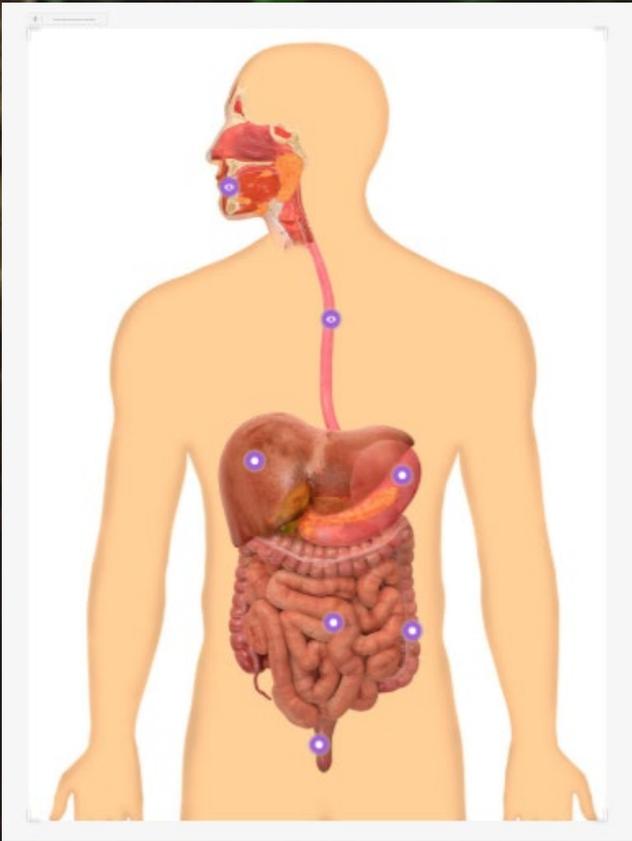
PERSONAL
BRANDING



SOCIAL



STORY



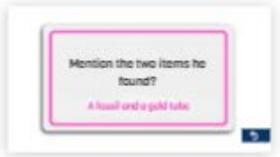
<https://app.genial.ly/editor/5df3c2720072300f626ffb17>



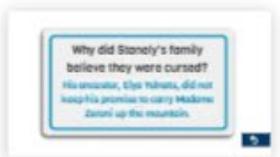
+ Add page



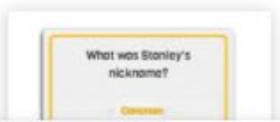
1 | Home



2 | Question 1



3 | Question 2



List

Grid

+ Add background audio



INTERACTIVE TRIVIAL

Choose a category on the wheel and click to know the questions and answers

- ▶ Question 3
- ▶ Question 4
- ▶ Question 5
- ▶ Question 2
- ▶ Question 1
- ▶ Question 6

TRUE FALSE GEOGRAPHY

Geography **True OR False**

T

National capitals are usually marked on a map with a star.

Spain and Portugal are on the Iberian Peninsula in Europe.

Earth's oceans are the Atlantic, Pacific, Indian, and Arctic.

F

The North Pole is not located on a continent.

Central America is located on the South American continent.

The Tropic of Cancer is located in the northern hemisphere.

The line that starts the measurement of latitude is the prime meridian.

The Mississippi River is the longest in the world.

Zero degrees latitude divides the world into northern and southern hemispheres.





An online storyboard
with a simple drag
and drop interface



Digital
Storytelling

Powerful Visual Communication, Made Easy

storyboardthat.com allows you to:

- Create a comic story of several cells
- Use a wide selection of pictures
- Use good editing features

Teachers and LSEs can, for example:

- Encourage reluctant writers to be creative (eg students who have pullouts one on one)
- Ask students to create a scene from their literature book. Students have to summarise that scene in a number of slides, using particular words or not using a word more than a certain number of times.

- Set the scene
- Choose the characters – select face shape, hair colour, stature etc
- Adjust posture according to the scene
- Add dialogue

The screenshot displays the StoryboardThat website interface. At the top, there is a navigation bar with the logo and various menu items: Scenes, Characters, Textables, Shapes, Infographics, Web & Wireframes, Science, Worksheets, and Upload. A search bar and a 'LOG IN' button are also present. Below the navigation bar, there is a category menu with options like Adults, Teens, Kids, Jobs, Sports, Cultural, 1900s, 1600s to 1800s, Medieval, Classical Era, Monsters & Myths, Mythology, Silhouettes, Stickers, and Animals. A large grid of character avatars is shown, representing different face shapes, hair colors, and statures. Below the character selection, a storyboard is visible with three panels. The first panel shows two characters in a school hallway; a speech bubble from the character on the right says, "Hey, Thomas! What's up? You look annoyed." The second panel shows the same two characters; a speech bubble from the character on the left says, "I'm feeling upset because my mum wants me to babysit my sister this afternoon and I had planned to meet this girl I met at the youth club yesterday." The third panel shows the two characters standing in the hallway without dialogue. At the bottom of the interface, there is a toolbar with buttons for Help, Storyboard Layout, Add Cells, Move Cells, Copy Cells, Advanced Tools, Undo, Redo, and Save. Copyright information for Clever Prototypes, LLC is also visible.



Create your own at StoryboardThat.com



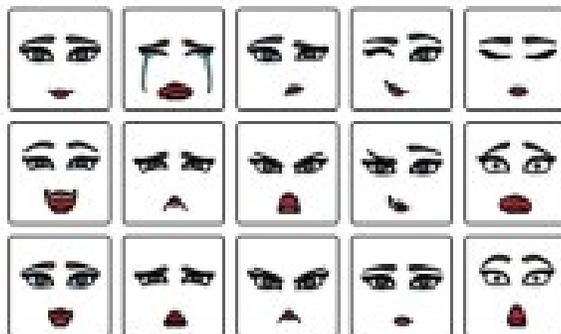
Character Poser

x

Head



Expression



Left Arm



Right Arm



Side View



Back View



Cancel

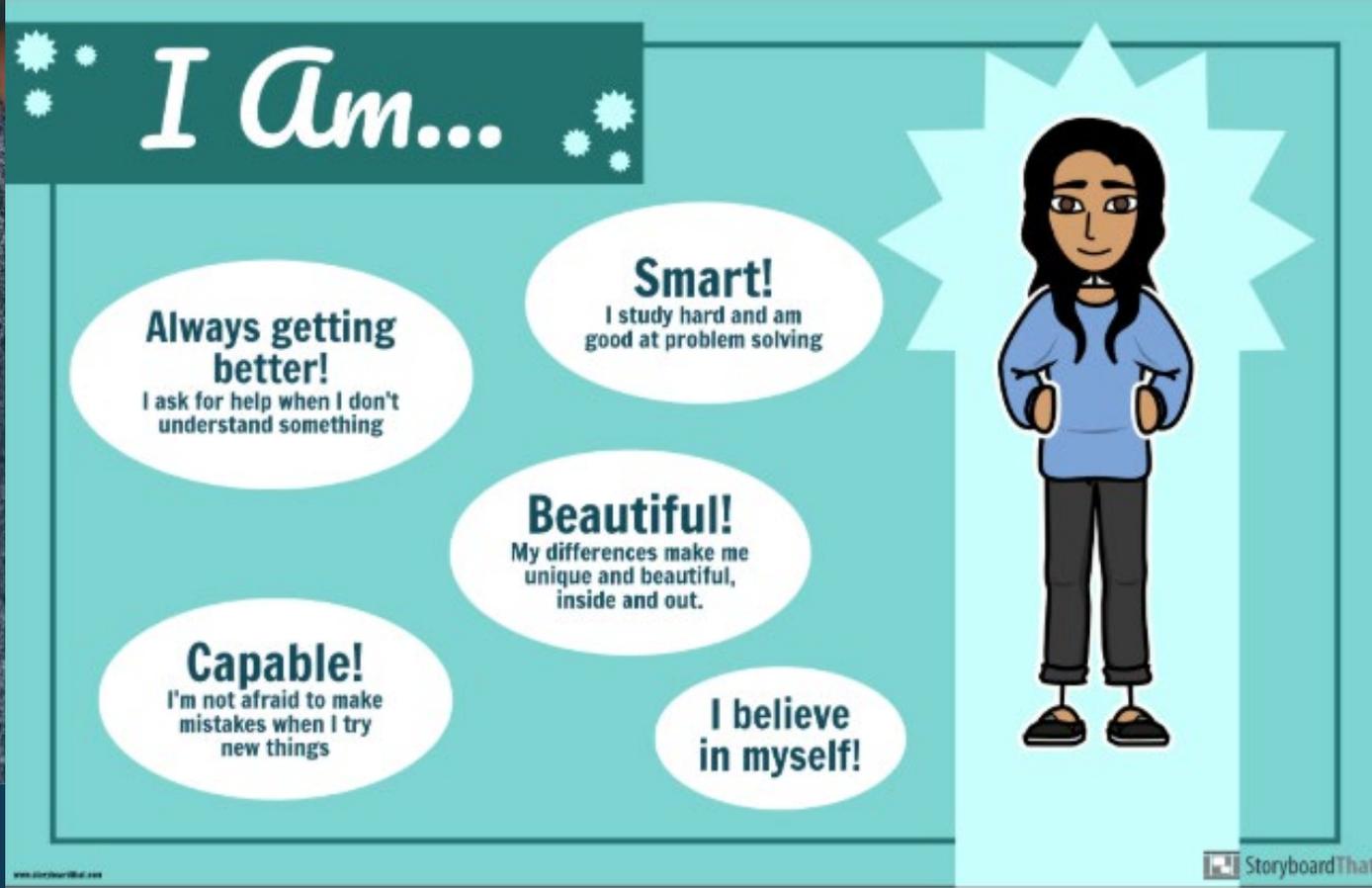
Update Pose



storyboardthat.com

- This is not free but you can create a comic story of several cells. Three are provided immediately, then three others are allowed to be added on.
- The story can be put together by using the snipping tool app to copy and paste the cells into a word document or a powerpoint.





The site also has resources and ideas you can adopt. For example the above idea could be used during form time, where students get to create their own poster or one for a friend. This is good for PSCD too.

Padlet

This site provides a way to create a board where you can upload your multi medial content. There are eight different templates to create a board.



Start with a blank ...

<p>Wall PREVIEW</p> <p>Pack content in a brick-like layout.</p> <p>SELECT</p>	<p>Canvas PREVIEW</p> <p>Scatter, group, and connect content in any way.</p> <p>SELECT</p>	<p>Stream PREVIEW</p> <p>Streamline content in an easy to read, top-to-bottom feed.</p> <p>SELECT</p>	<p>Grid PREVIEW</p> <p>Arrange content in rows of boxes.</p> <p>SELECT</p>
<p>Shelf PREVIEW</p> <p>Stack content in a series of columns.</p> <p>SELECT</p>	<p>Backchannel PREVIEW</p> <p>Communicate in a chat like environment.</p> <p>SELECT</p>	<p>Map PREVIEW</p> <p>Add content to points on a map.</p> <p>SELECT</p>	<p>Timeline PREVIEW</p> <p>Place content along a horizontal line.</p> <p>SELECT</p>

Example using the Timeline Padlet board

padlet

Gallery • 2mo

Planets of Our Solar System
We miss you, Pluto!

Sun

The Sun is the star at the center of the Solar System. It is a nearly perfect sphere of hot plasma, with internal convective motion that generates a magnetic field via a dynamo process. It is by far the most important source of energy for life on Earth.

Mercury

Mercury is the smallest and innermost planet in the Solar System. Its orbit around the Sun takes only 87.97 days, the shortest of all the planets in the Solar System. It is named after the Roman deity Mercury, the messenger of the gods.

Venus

From sun: 67 million miles

>

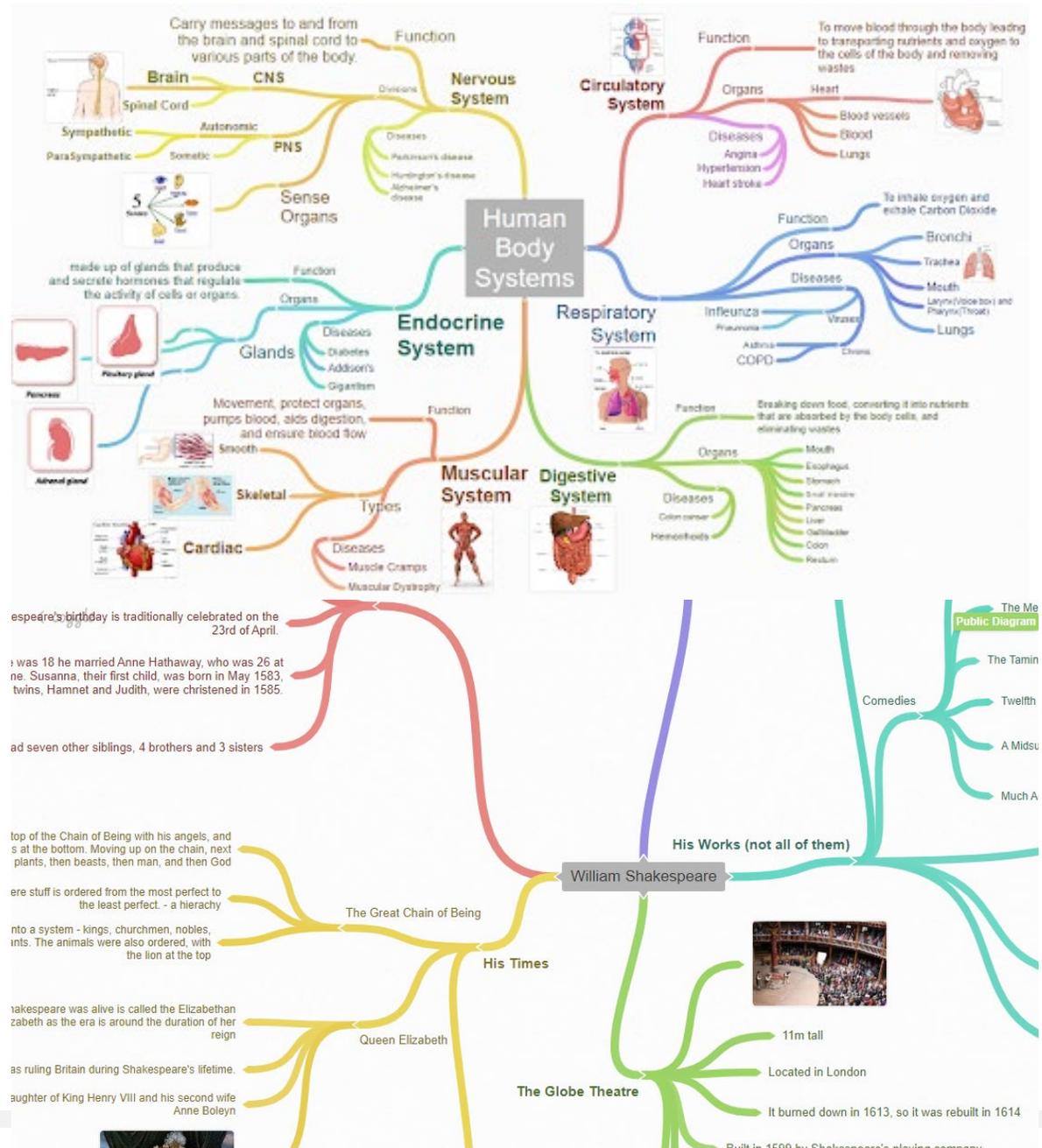
SCREENCAST MATIC

This records voice so as to explain a text or picture on the screen. One can create a video for free. Need to download free recorder. Select picture or item you want to talk about. Start recording and point at particular items with the mouse. Save. When the video is played, the mouse movements come as circles on the screen eg pointing to the stomach in a picture about digestion.



One can create interactive images and interactive videos. The teacher can create her own or use those created by others. Search for the topic you are interested in, choose the video. If it is fine as it is, you can just share it, otherwise it can be arranged. To do so you, clone it (three dots on right), then edit it by "adding new tag". It is possible to do different things such as add content, text, media, link etc. Once this is ready, press done. It will save in your profile or you can share the link with someone else.

- Used to create mind maps.
- Allows students to work together, using a collaborative map which others can add to.
- It is possible to invite others to use the same map.
- By using the quotation mark button you can start a chat with others, who can then add comments on to the mind map.
- Those given permission to see this mind map can see these comments.
- Others can also add to the mind map by clicking on the branch (a plus sign will come up) if they have been invited to join in.
- The mind map will save automatically. This can then be used to present the whole topic to the class too.
- For example, small groups of students could be asked to work on one part of the digestive system, developing the relevant material. Each student would add on material until the mind map for that section is complete. The different groups would then be invited to present their part of the whole topic to the class.





Empowering the world to design.

SA Sharon Attard Farr...
[Add your picture](#)

Create a design

Home

- All your designs
- Templates
- Photos
- Apps
- Brand Kit
- Design School
- Create a team

Folder Folders

Trash

Try Canva Pro

Design anything.

Express love your way >

Try "Invoice"

Create a design >

- Animated Social Media
- Presentation
- Poster
- Logo
- Flyer
- Card

- Used to prepare all sorts of presentations e.g. book cover, poster, photocollage, mind maps etc. Any item can be chosen and many different template options are available for use and adaption.
- It is possible to work with others on this project by inviting someone to share a link to work on the task or to edit what has been prepared. A group can be formed into a team and then the members are invited to join as a whole team.
- To summarise contents can one use mind maps and info graphics.



Other sites:

- Interactive Quizzes: Quizlet & Kahoot

Resources: Tes.com & Edshelf

Storyjumper – create stories individually or collaboratively

Nearpod – teacher places information on screen, students follow

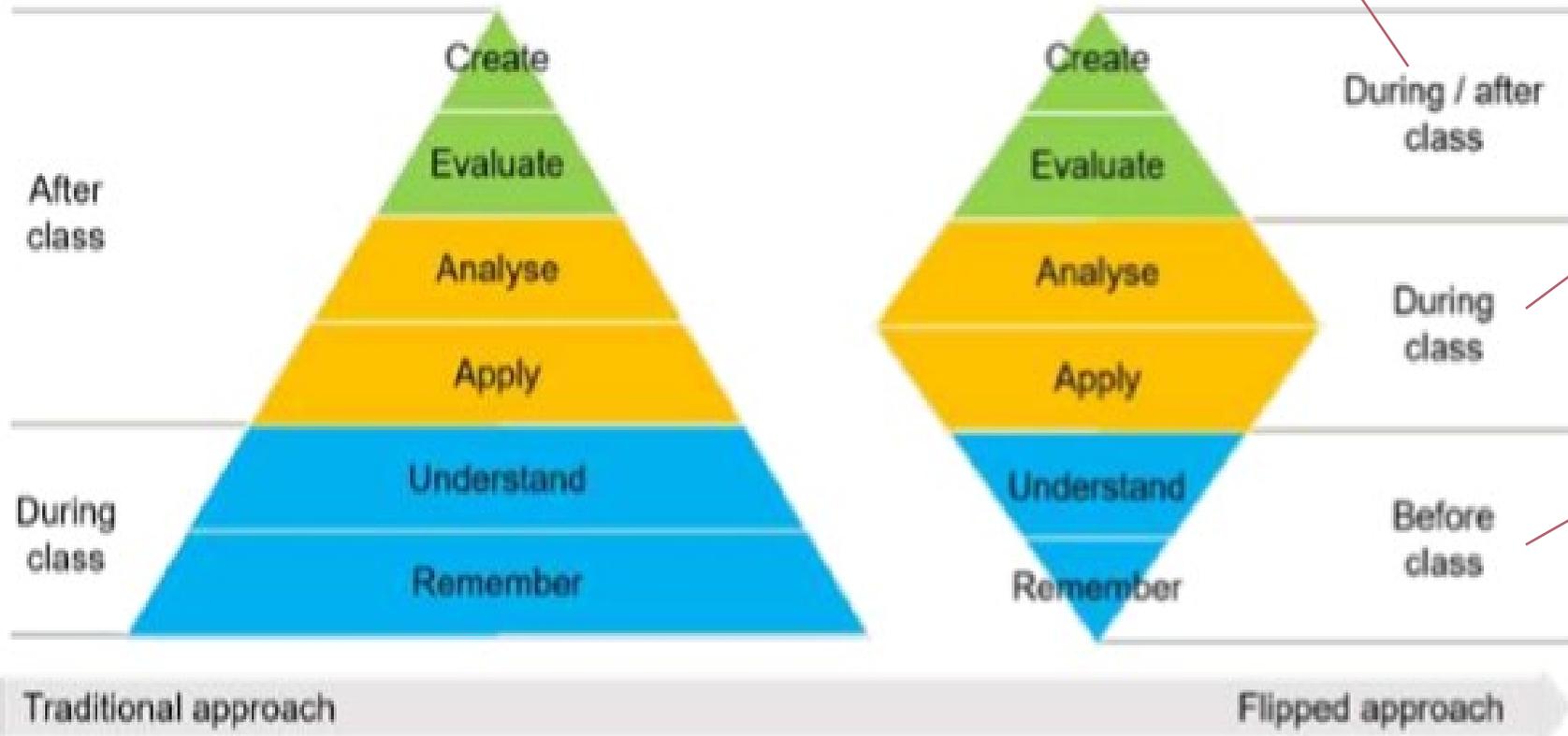
Thinklink.com – create interactive images and videos

FLIPPED CLASSROOM:

- ✓ Moving from mass approach to customized individualised learning.
- ✓ From passive to experiential learning, simulations, interactive activities, lab work, group work.
- ✓ This requires a change in perspective from all the stakeholders.



THE FLIPPED CLASSROOM:



Students could be given a task to work on in class which shows their understanding of the topic.

Discussion & application work done in class, with teacher monitoring and guiding students.

Work assigned could be video to watch, passage to read, podcast to listen to. This could be matched to individual student's ability.

Jigsaw activity

