

Less can be *more* ... more thinking!



Image: https://commons.wikimedia.org/wiki/File:Spot_the_odd_one_out%5E_-_geograph.org.uk_-_966073.jpg

Can you spot the
odd one out?

1. Toothpaste Paper Swimming pool Milk

2. Screw Scissors Ramp

3. Nevertheless In spite of However Notwithstanding



21st century learning situations for global citizens



Image: https://es.m.wikipedia.org/wiki/Archivo:Sustainable_Development_Goals.svg

Giving students a *reason* to look carefully



Image: <https://www.pikrepo.com/fxjtw/green-plant-on-brown-wooden-table>



Image: <https://www.pxfuel.com/en/free-photo-xfoyx>

21st century global citizens



Image: <https://www.pikrepo.com/fxjtw/green-plant-on-brown-wooden-table>

Many people believe that **hydroponic farming** is more sustainable because it uses much less water and more can be grown in less time and locally, so its carbon footprint is lower.

Edible insects are highly nutritious and their consumption **could potentially** reduce hunger worldwide. They contain high-quality protein and various micronutrients.



Image: <https://www.pxfuel.com/en/free-photo-xfoyx>

What tool did I use to blur, pixelate and more?

<https://pinetools.com/blur-image>

The screenshot displays the Pinetools website interface for the 'blur-image' tool. At the top, the 'PINETOOLS' logo is on the left, and a search bar with the text 'Search for tools...' is on the right. Below the logo are social media icons for Facebook, Twitter, and YouTube. A sidebar on the left lists various tool categories: Mathematics, Colors, Text and lists, Numbers, Date and time, and Images. The 'Images' category is selected, showing a list of image-related tools such as 'Invert colors', 'Flip image', 'Darken image', 'Lighten image', 'Change brightness', 'Change contrast', 'Grayscale image', 'Change saturation', 'Change vibrance', 'Change exposure', 'Adjust gamma', 'Sepia effect', 'Clip image', 'Add noise', and 'Adjust hue'. The main workspace is divided into three sections: 'INPUT IMAGE', 'OPTIONS', and 'BLURRED IMAGE'. In the 'INPUT IMAGE' section, a file named 'let us.JPG' is selected, and a preview of a hydroponic lettuce farm is shown. The 'OPTIONS' section includes a dropdown menu for 'Type of blurring filter' set to 'Stack Blur' and a 'Radius' slider set to 9. The 'BLURRED IMAGE' section shows the resulting blurred image of the lettuce farm. At the bottom center, there is a green button with a gear icon and the text 'BLUR!'.



Lighten the *cognitive load* with brain breaks!



www.youtube.com/watch?v=Q1z8QYCL5gk

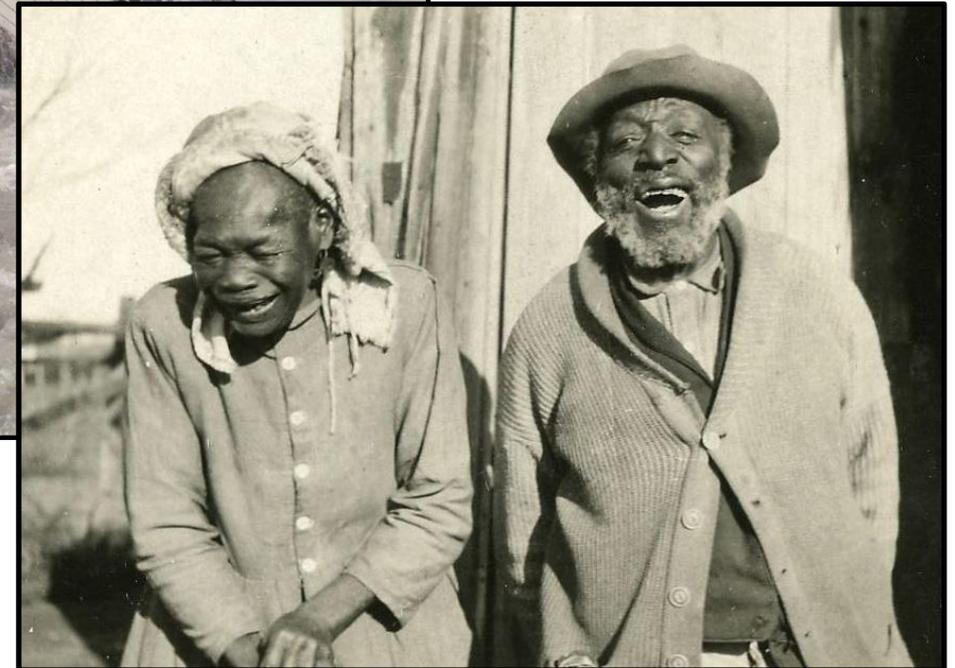
Visible thinking: boost curiosity & inquiry



What can you **SEE** (observe, notice, etc.) in the image?

What do you **THINK** is happening?

What do you **WONDER**?



Research: teaching study skills and good practice



oldsearch.creativecommons.org

The screenshot shows the homepage of oldsearch.creativecommons.org. At the top left is the Creative Commons logo. Below it is a yellow banner with the text "Try the new CC Search for images [here!](#)". The main search area features a green "CC Search" button with the text "Find content you can share, use and remix" and a search input field with the placeholder "Enter your search query". To the right of the input field are two checked checkboxes: "I want something that I can..." with options "use for commercial purposes;" and "modify, adapt, or build upon.". Below the search area is a "Search using:" section with a grid of buttons for various search engines: Europeana (Media), Flickr (Image), Google (Web), Google Images (Image), Jamendo (Music), Open Clip Art Library (Image), SpinXpress (Media), Wikimedia Commons (Media), YouTube (Video), Pixabay (Image), and ccMixer (Music). There is also a SoundCloud (Music) button. A disclaimer text is located below the search engines, stating that the site is not a search engine and that results are from independent organizations. To the right of the disclaimer is a yellow banner with the text "Add CC Search to your browser." and a link "Learn how to switch to or from CC Search in your Firefox search bar.". At the bottom right, there is a language dropdown menu set to "English" and a "Help Translate" link. The footer contains social media icons for Facebook, Twitter, and a magnifying glass icon, along with the Creative Commons BY license logo.

Review content: model, scaffold and *quick draw!*



quickdraw.withgoogle.com/?locale=en_US

Drawing 1/6

Draw
violin
in under 20 seconds

Got It!

A simple scaffold:

I see ...

I see ... or ...

Oh I know! It's a ...

Sorry, I couldn't guess it!