

A low-angle photograph of pink cherry blossom branches reaching towards a clear blue sky. The blossoms are in various stages of bloom, with some showing vibrant pink petals and others as buds. The branches are dark and thin, creating a delicate pattern against the sky.

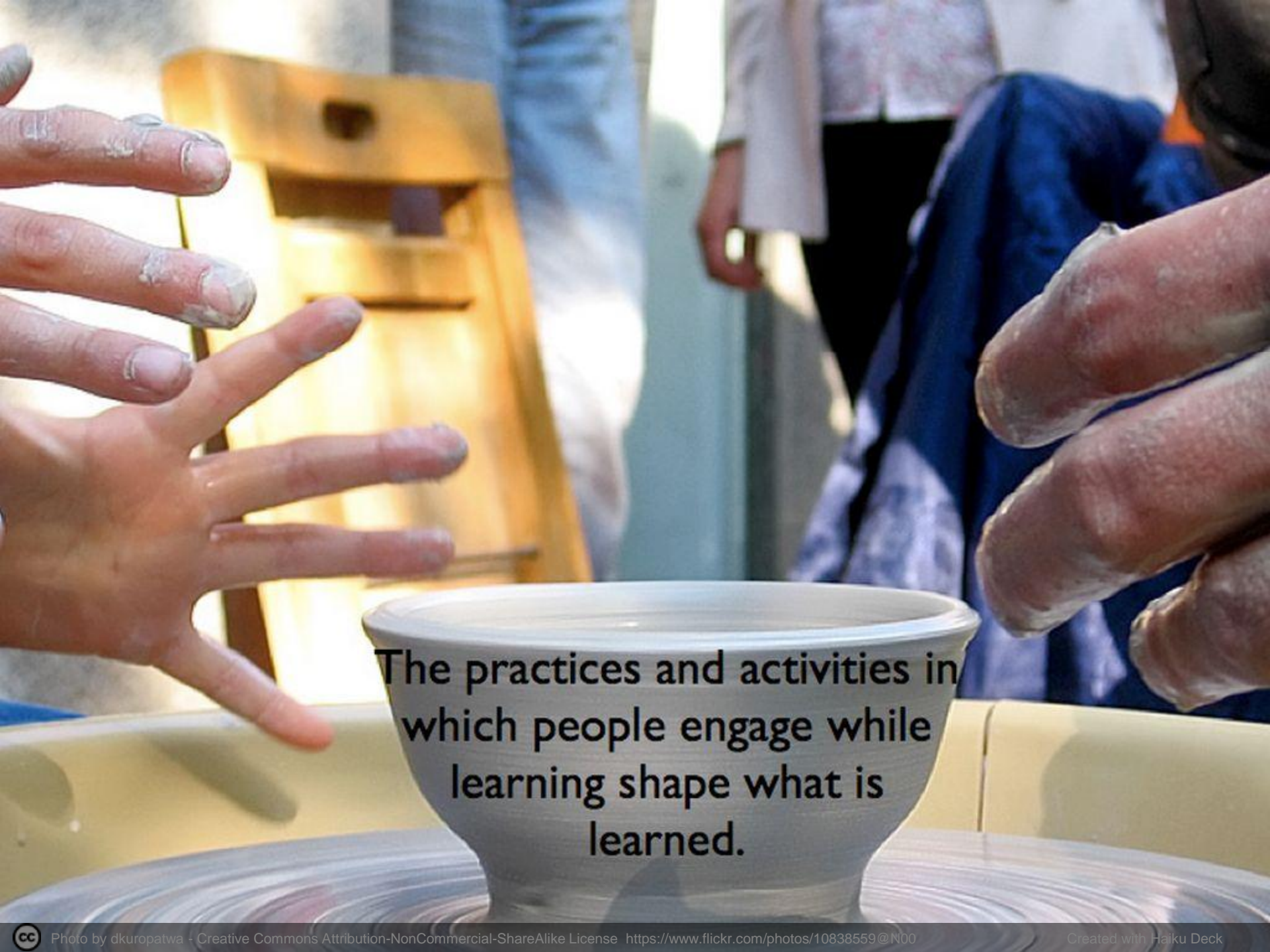
# Bloom into Math

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# What do I do?



The practices and activities in  
which people engage while  
learning shape what is  
learned.





**More "Cash Value" from each question!**





# **Learning is Brain Connection**



A lateral view of a human brain with a dense network of red and yellow lines representing neural connections. The lines are most concentrated in the central and posterior regions, with some green lines visible in the anterior areas. The background is black, and the brain's surface is light gray.

**Higher questions use more of parts of the brain!**





**Create**

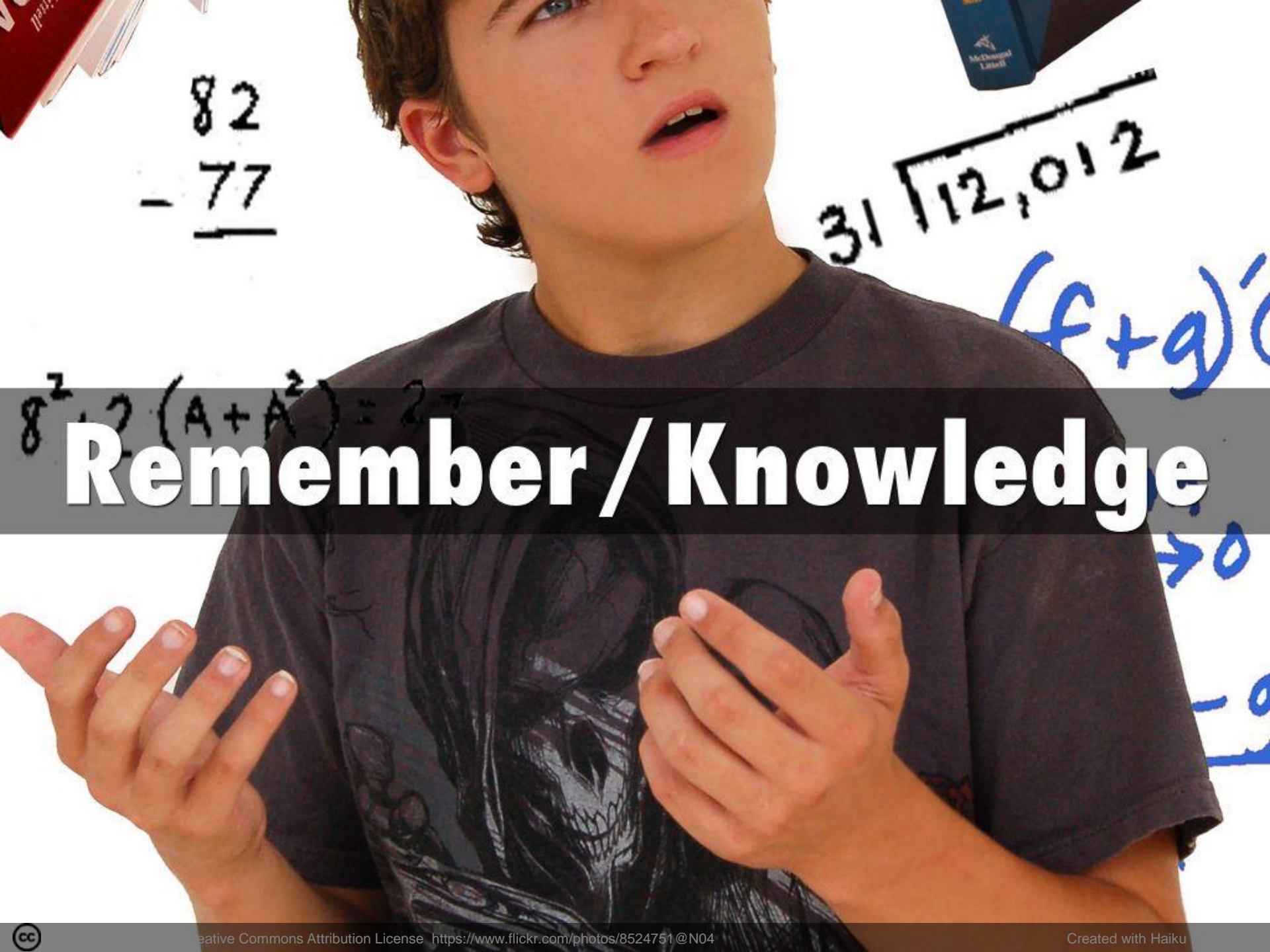
**Evaluate**

**Analyze**

**Apply**

**Understand**

**Remember**



# Remember / Knowledge





$\ell$ -colouring  $c_1$  of  $G$  can be  
by the mixing process,  
 $\geq 2\text{col}(G) + 2$ , then  $G$  is  
 $> \max \left\{ \mathcal{M}(G), \frac{|V(G)|+1}{2} \right\}$ , then  
mixing  $\ell > \ell$ , and call  
 $G$ ,  
ourin  
mix colour.



Apply colouring  $c_2$ .  
ing mixing to extend the colouring.  
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# Understand / Comprehension



STUDENT  
IMPACT  
MAP

# Application

Demonstrate

PIE CHARTS:

- BNP... :-)
- CONSERVATIVE
- LABOUR
- GREEN

NUMBERS:

- = Population
- = student population
- = MP's majority in last election







# Analysis

Plan, Differentiate, Examine





# Evaluation

What's the best way?

and differences exist?

**Thinking**

How could these similarities and differences be communicated?

**Communication**

Why are the similarities and differences significant?

**Application**





# Create / Synthesis



A group of people are seated around a large wooden conference table in a meeting room. In the foreground, a woman with dark hair is seen from the side, looking towards the center. To her right, a man with glasses and a dark suit is looking towards the camera with his hand on his chin. Next to him, a woman with curly hair is looking down at something in her hands. In the background, other people are seated at the table, and a large wall display with various images and text is visible. A large, bold, white text overlay is centered across the middle of the image.

**Let's make some questions**





**What has worked for you?**