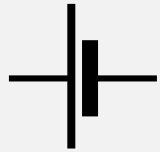




# BRITISH SCIENCE WEEK



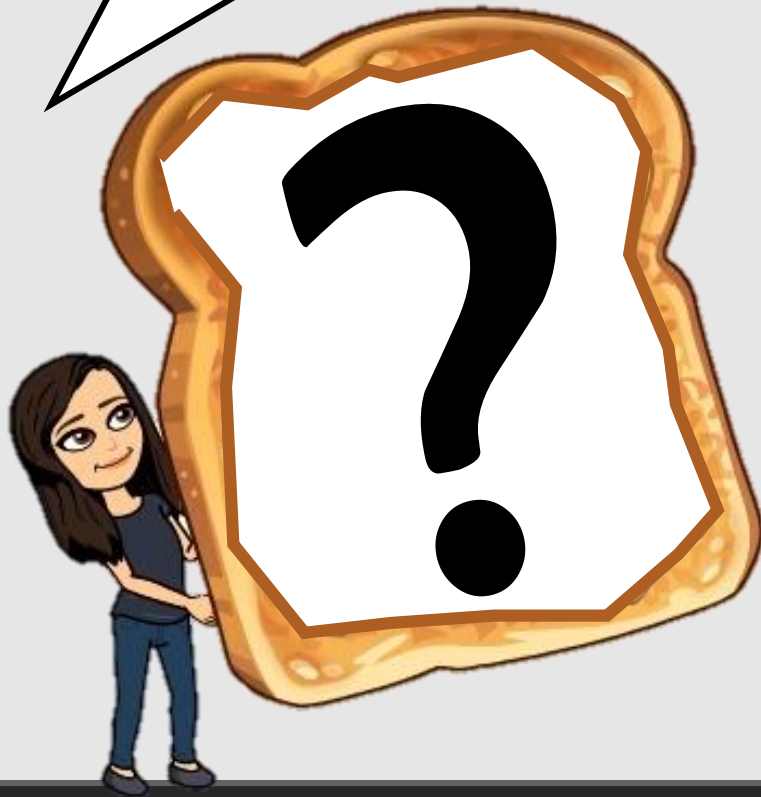
6th – 15<sup>th</sup> March 2020



#BSW20



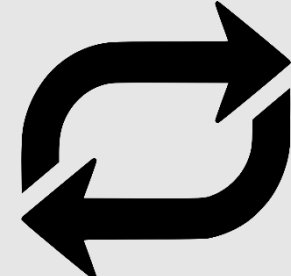
Lets kick off #BSW20 by looking at germs and disease prevention. Tweet your results using #STEMGlasgow



Use warm water and soap



Wash for 20 seconds



Repeat throughout the day

1. Take 2 slices of bread
2. Pass the first slice around the class so that all pupils touch it
3. Everyone wash their hands
4. Pass the second slice of bread around ensuring everyone touches it
5. Place both slices of bread in separate clear bags
6. What happens to each slice over the course of the day?

#BSW20



To celebrate both #BSW20 and International Women's Day can you help Alex match these inspirational scientists to what they are known for? Match all five and tweet your answer using #STEMGlasgow

CHIEN-SHIUNG WU



Engineer, physicist, and former NASA astronaut.

ADA LOVELACE



MAE JIMISON



Astronomer and key figure in the understanding of dark matter.

ROSALIND FRANKLIN



Experimental physicist who made significant contributions in the field of nuclear physics.

VERA RUBIN



Chemist best known for her role in the discovery of the structure of DNA.



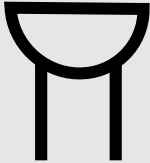


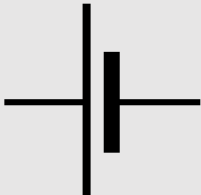
Gifted mathematician known as the first ever computer programmer.




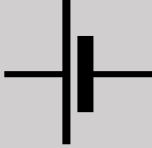


#BSW20



An electrifying challenge for Tuesday of #BSW20! Correctly label each of the electrical symbols then use them to complete the sudoku grid on the left. Tweet your answer using #STEMGlasgow

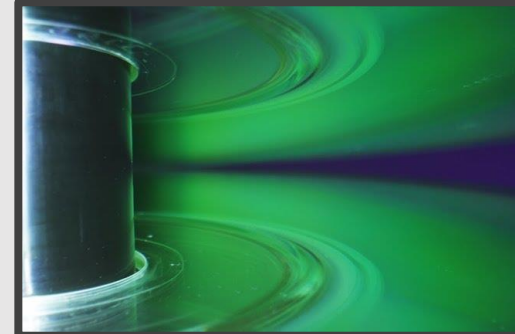
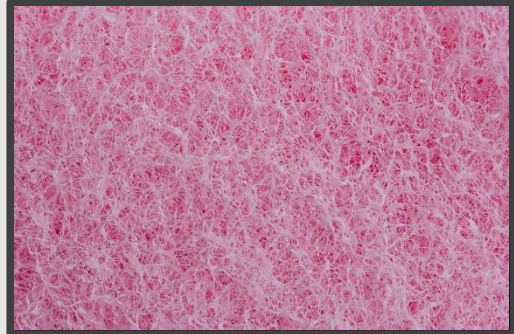
Four empty rectangular boxes for labeling, each with an electrical symbol to its right:

- Box 1: 
- Box 2: 
- Box 3: 
- Box 4: 

Each row, column and mini grid must contain one of each symbol.



It's topical science Wednesday this #BSW20. Look at the magnified images below and try to work out what they are. Tweet your answers using #STEMGlasgow



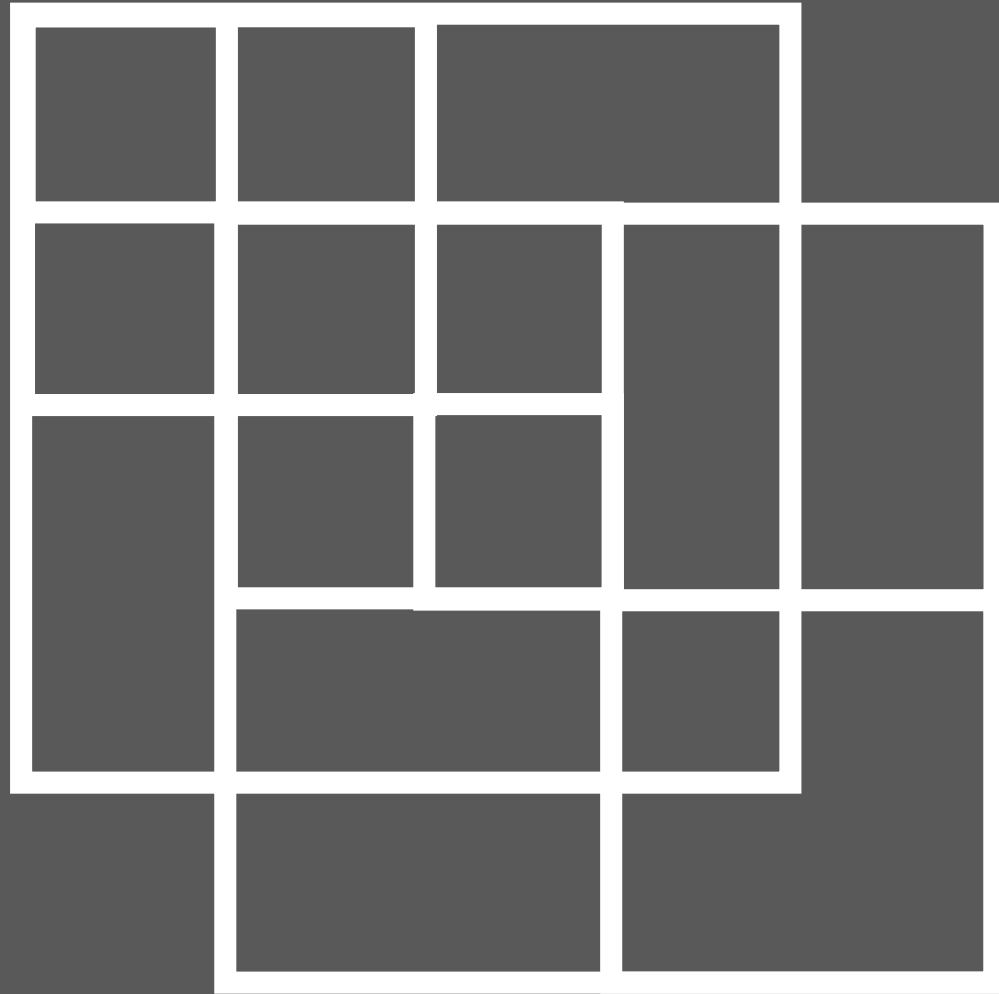
Take a close look and help me work out what is in each picture.



#BSW20



For Thursday's #BSW20 challenge help Hannah get into shape with this numeracy problem. How many squares are in the shape below? Tweet your answer using #STEMGlasgow



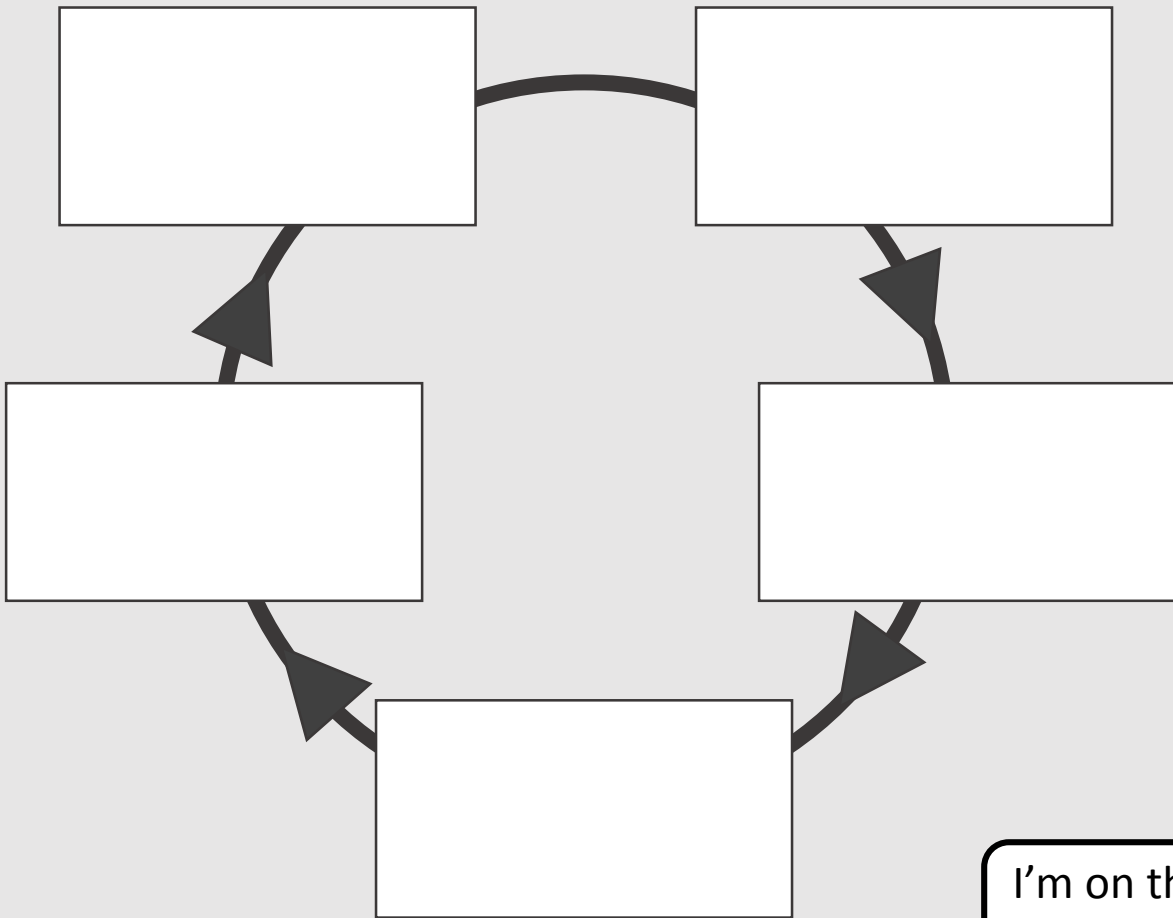
I'm finding this one quite tricky. Can you help me?



#BSW20



For the final #BSW19 challenge Alex is investigating life cycles. Can you put the life cycle of a frog into the correct order? Tweet your answers using #STEMGlasgow



Eggs



Frog



Tadpole



Froglet



Tadpole with legs

I'm on this ride called life! Can you help me with this activity?



# Answers

## Challenge 1

N/A

## Challenge 2

A.



*Nuclear  
Physicist*



*Engineer  
Physicist  
NASA Astronaut*



*Astronomer*



*Computer  
programmer*



*Chemist*

## Challenge 3



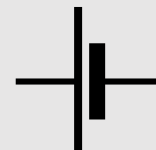
*Lamp*



*Buzzer*



*Switch  
(open)*



*Cell*

#BSW20





# Answers

## Challenge 4

A. 17 squares

## Challenge 5

A.

