SCIENCE FAIR

2025

OGDEN TRUST PARTNERSHIP

OUR AIMS

Aims

- Children develop independent learning skills, follow their own line of enquiry and build confidence.
- Children share their love of science with parents so that parents better appreciate the value of the subject – developing science capital.
- Children develop communication skills through sharing what they have learned with others.
- Encourage child accomplishment by offering public recognition and rewards – let talented young scientists appear in the spotlight.
- Support children in applying what they've learned in other curriculum areas such as English and maths.

WHO IS INVOLVED?

7 PRIMARY SCHOOLS ACROSS CALDERDALE ARE TAKING PART IN THEIR OWN SCIENCE FAIR

TYPES OF PROJECTS ALLOWED

....

Practical enquiry to answer a big question

Research project to find out more about an area of Science

Identifying a problem and coming up with a solution

WHAT COULD YOU DO?

- SOLAR SYSTEM
- SPACE
- MAGNETS
- EARTHQUAKES
- VOLCANOES
- VEHICLES
- X-RAYS
- VACCINES

LIGHT

HEAT

TEMPERATURE

ELECTRICITY

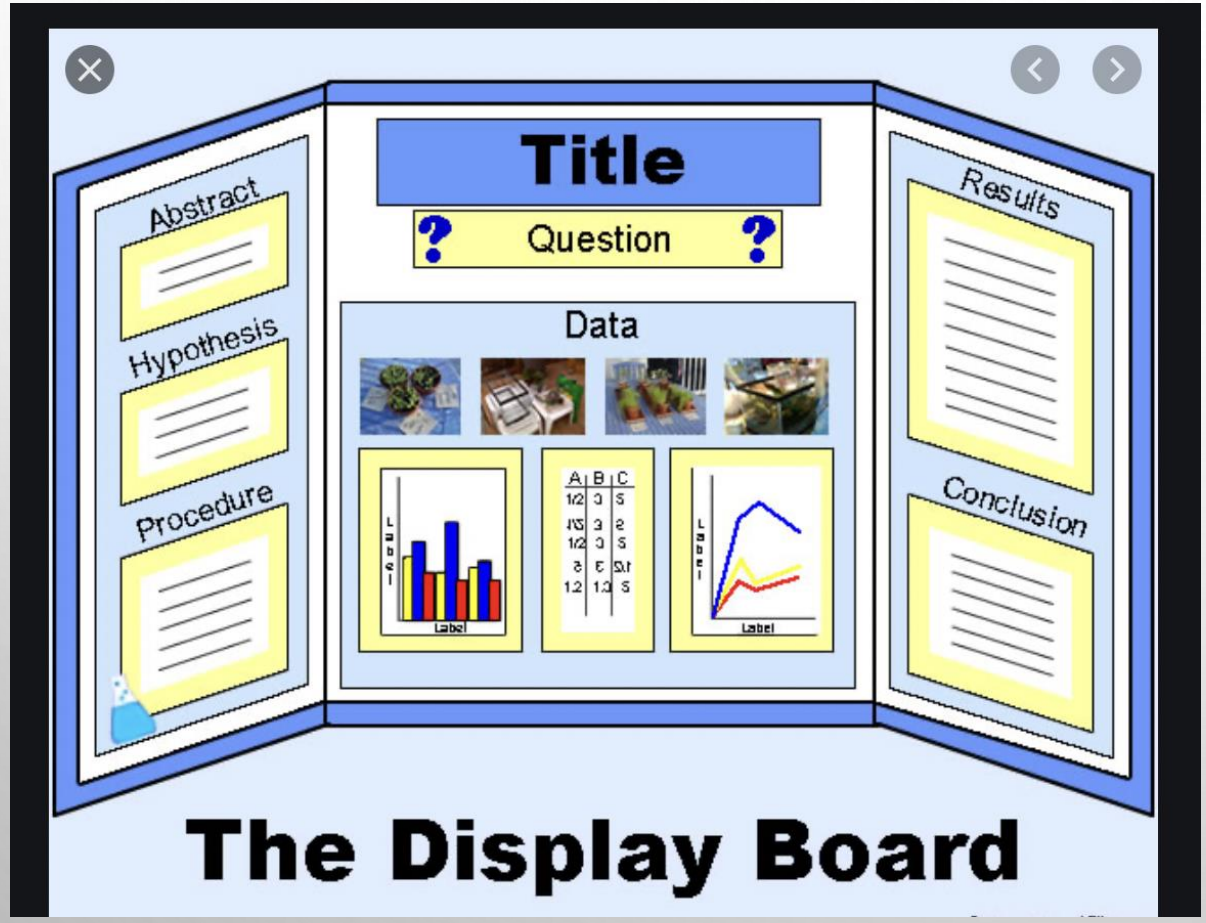
COLOUR

COMPUTING

ANIMALS

PLANTS

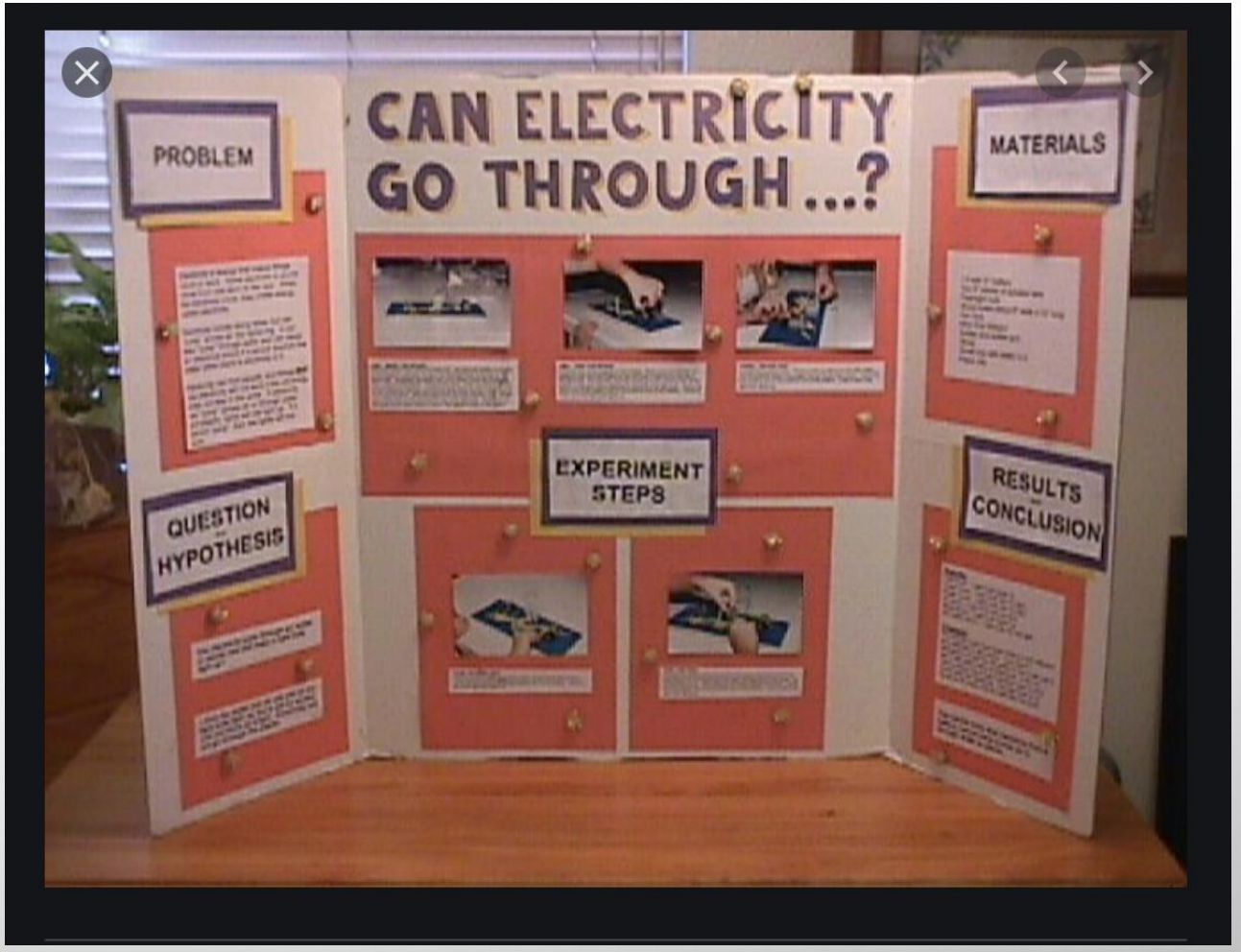
YOUR PROJECT…….

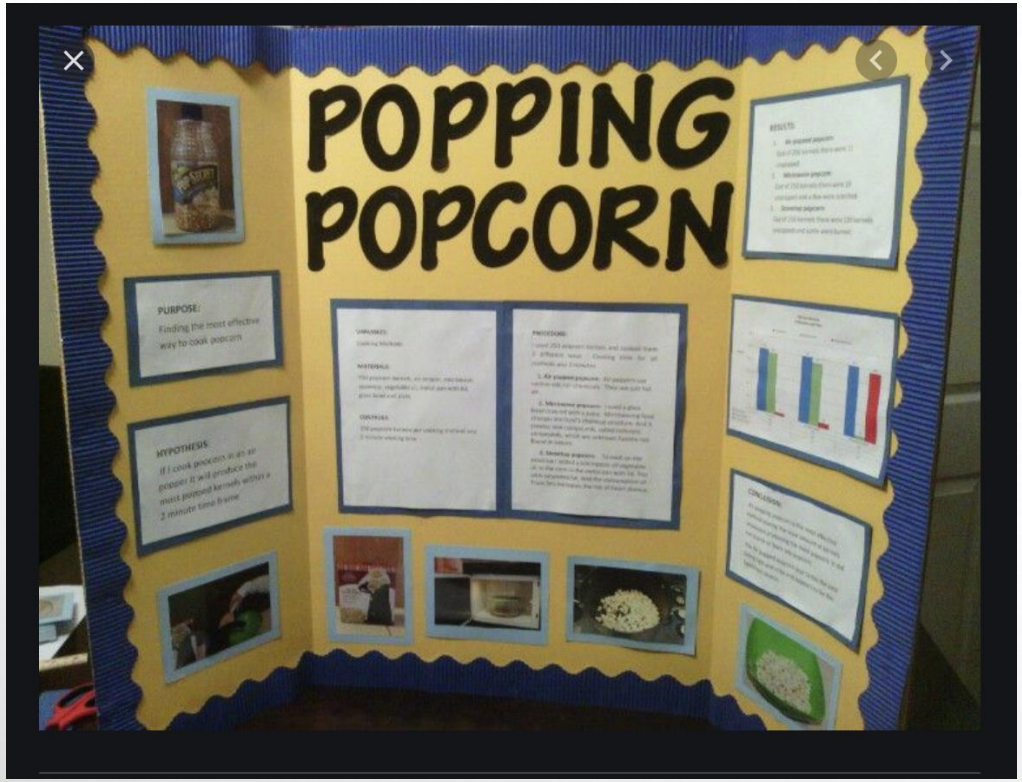


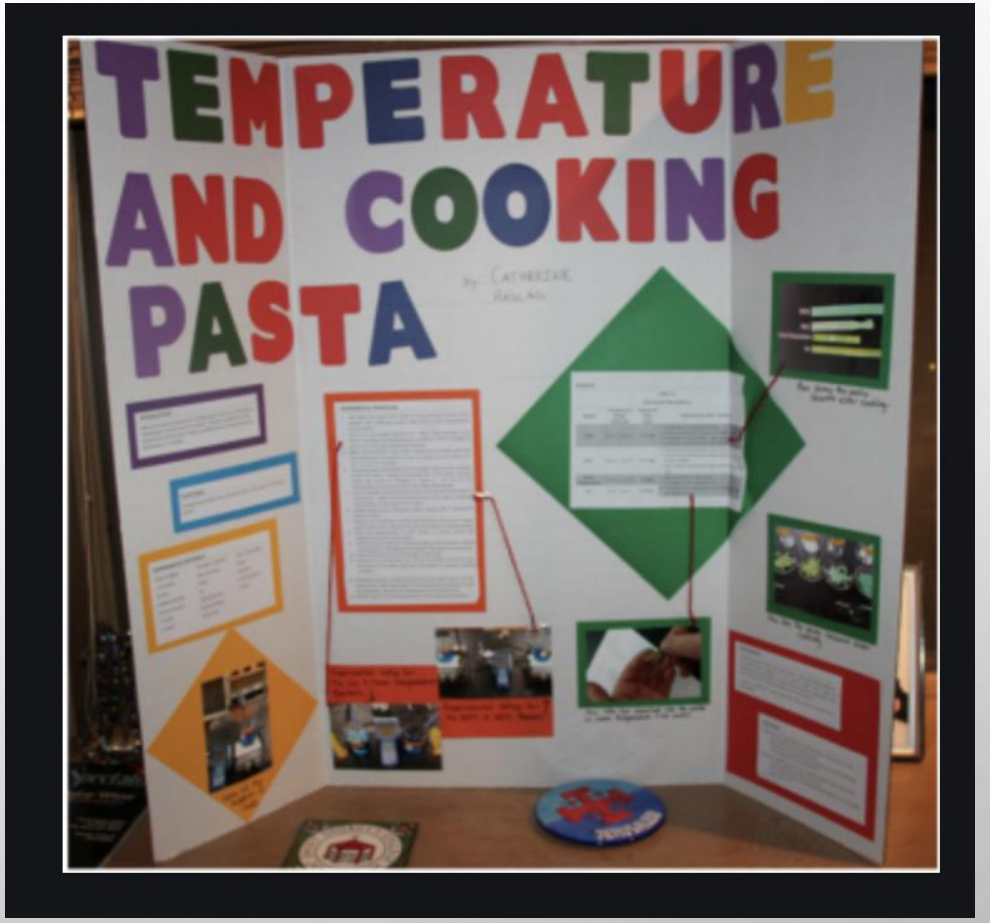
We will give you a planning sheet so you can think through your project idea and then return it to us. We will then give you a Project Board to display your amazing work on!

WHAT COULD YOUR PROJECT LOOK LIKE?

WHAT STAINS YOUR TEETH THE MOST
A EGGSPERIMENT
Science Fair Project Primer – 'Tis the Season for the Scientific Method | OneDublin.org
MATERIALS
PROCEDURE
PROBLEM
What stains your teeth the most?
RESULTS
I think that the coke will stain the teeth the most.
HYPOTHESIS


CAN ELECTRICITY GO THROUGH...?
PROBLEM
MATERIALS
QUESTION and HYPOTHESIS
EXPERIMENT STEPS
RESULTS and CONCLUSION


POPPING POPCORN
PURPOSE:
Finding the most effective way to cook popcorn
HYPOTHESIS:
If I cook popcorn in an air popper it will produce the most popped kernels within a 2 minute time frame


TEMPERATURE AND COOKING PASTA

Superb Slime!

Question

How do you make slime?

Aim

To make slime at home!

Prediction

The glue will make it sticky

Method

Ingredients

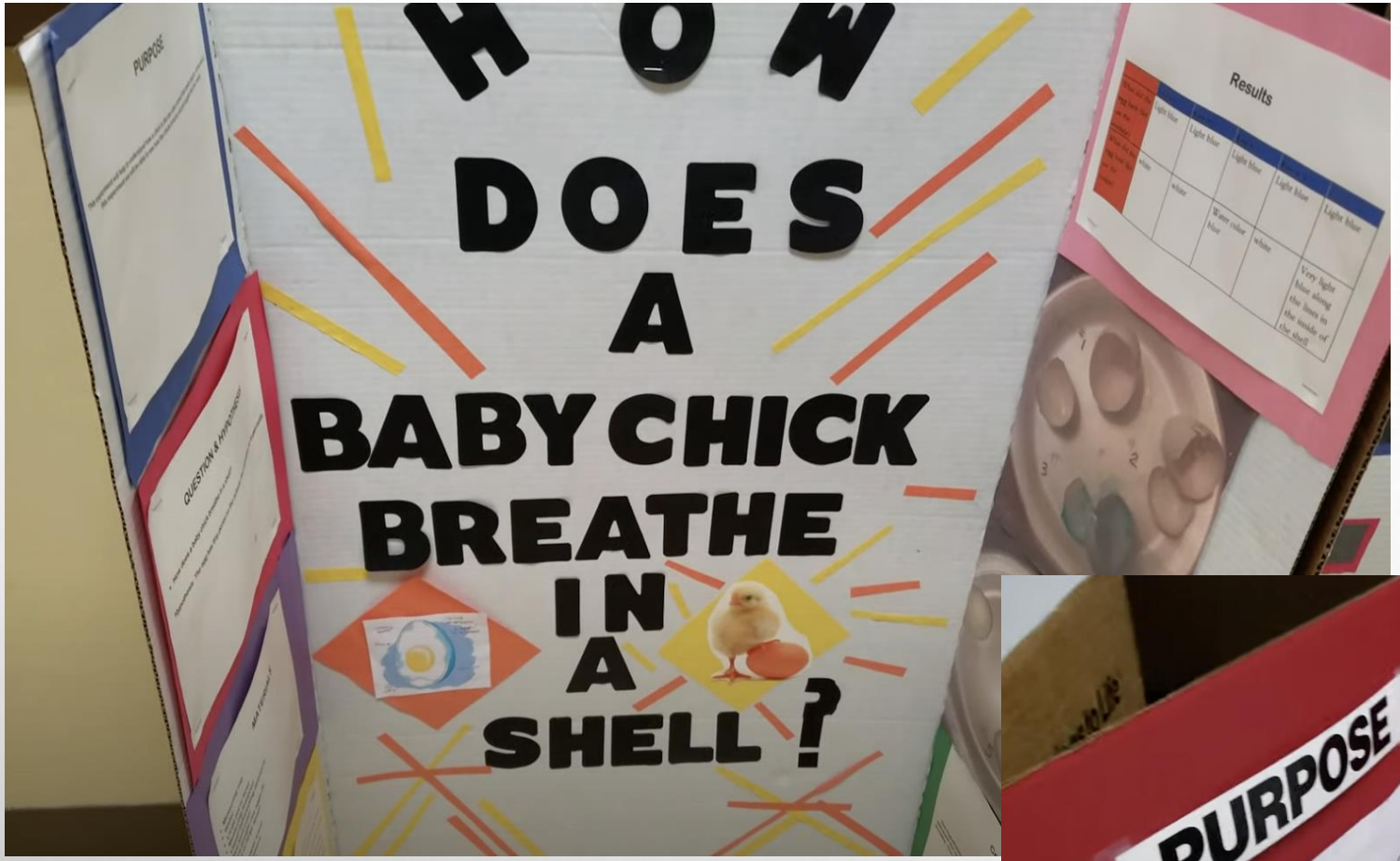
- ½ cup PVA glue
- ½ cup of water
- ½ a cup baking soda
- 3-4 cups shaving foam
- 1½ tbsp contact lens solution

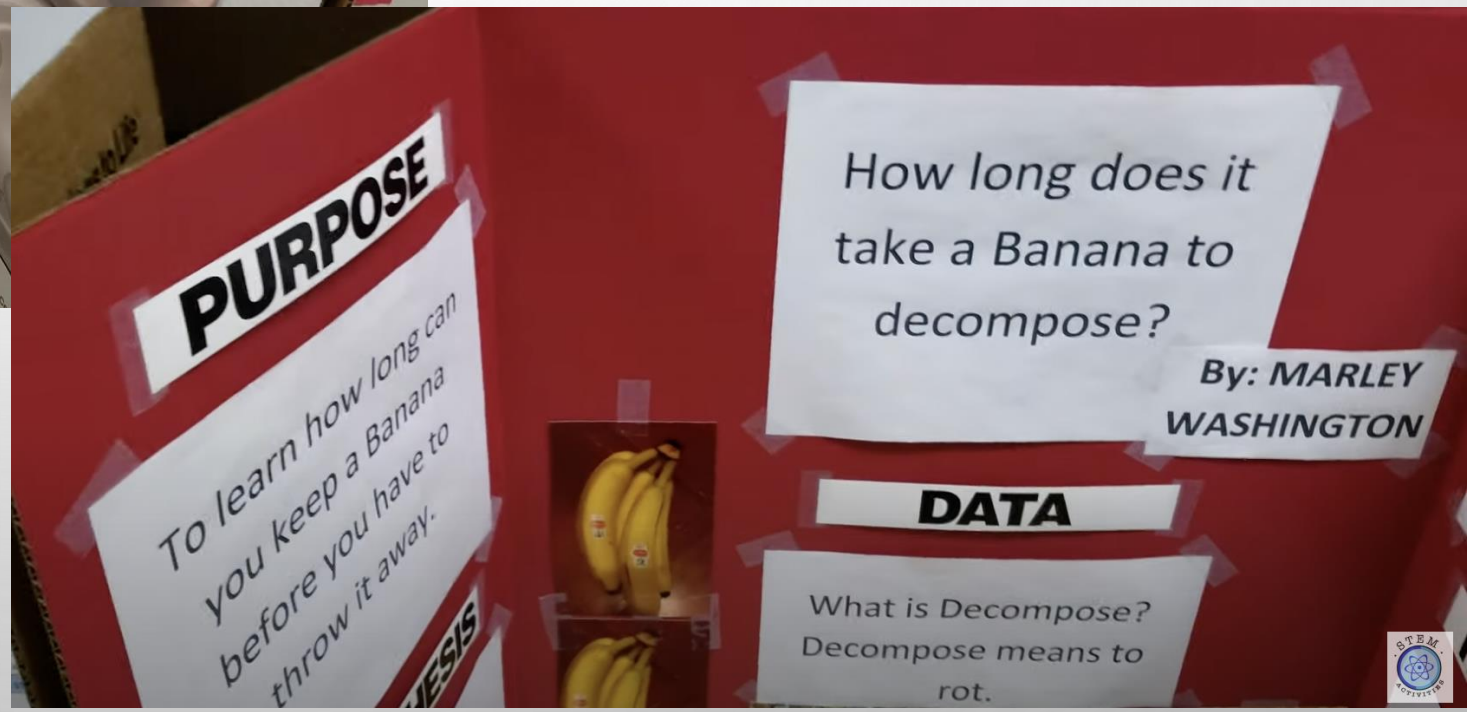
Results

Getting the right amount of glue and contact solution is important

Conclusion

making slime is really fun!


HOW
DOES
A
BABY CHICK
BREATHE
IN
A
SHELL?
PURPOSE
Results


PURPOSE
To learn how long can you keep a Banana before you have to throw it away.
How long does it take a Banana to decompose?
By: MARLEY WASHINGTON
DATA
What is Decompose?
Decompose means to rot.

DETAILS OF WHAT AND WHEN

- PROJECT PLANS TO CLASS TEACHER TO CHECK OVER.
- FINAL PROJECTS ON BOARDS TO SCHOOL BY 08/07/25
- SCHOOL SCIENCE FAIR FRIDAY 09/07/25 – CHILDREN IN SCHOOL TO VISIT THE FAIR TO SEE ALL THE ENTRIES!