

ST JAMES' EXPLORER

"Learn, Laugh and Live with the Love of God"



Science News

SUBJECT LEADER: MRS DIXON

Science at St James'

In school, we aim to teach Science in an enquiry-based style. Would you like to know more about the five lines of enquiry the children will follow? Well, look no further than the St James' Explorer!

In this issue we will focus on our first line of enquiry.

Pattern Seeking: children will observe and record natural phenomena, carry out surveys or collect data from secondary sources. They will then look to identify patterns in the data.

Examples of use in school:

- Do taller plants grow from bigger seeds?
- Do tall people have bigger feet?
- Are older children in our class taller?
- Do different insects live in different places?

Our Christian value this half term is 'Hope'

SCIENCE INVESTIGATION AT HOME

Children can learn a whole lot about the world around them from the comfort of their own home. There are all kinds of experiments that can be performed to enhance understanding!

This means that anybody can perform science experiments around the home. There are a variety of clear and simple investigations, which use everyday household resources, that are accessible, manageable, and fun for children and families to do.

[Science Sparks and the Primary Science Teaching Trust](#) have produced super activities to help you get started. Why don't you check them out today?

Feeling inspired to start experimenting? We hope so! Remember to stay safe and pay attention, but there is a whole lot to learn. Use your imagination and see what else you can come up with. There is no limit to what can be achieved by a curious mind. Keep at it, and you could end up being a 21st-Century Louis Pasteur.

SCIENCE WORDSEARCH

Try this fun [wordsearch](#) in which you need to hunt for common metals.
Good luck!

FACTFILE

Did you know?

SUBJECT LEADER: MRS DIXON
MATERIALS

EVERYTHING YOU CAN HOLD, TASTE, OR SMELL IS MADE OF MATTER.

MATTER MAKES UP EVERYTHING YOU CAN SEE, INCLUDING CLOTHES, WATER, FOOD, PLANTS, AND ANIMALS. IT EVEN MAKES UP SOME THINGS YOU CANNOT SEE, SUCH AS AIR OR THE SMELL OF PERFUME.

YOU CAN DESCRIBE A TYPE OF MATTER BY ITS MATERIAL PROPERTIES SUCH AS ITS COLOUR OR HOW HARD IT IS.

MATTER IS MADE UP OF PARTICLES SO TINY THAT ONLY THE MOST POWERFUL MICROSCOPE CAN SEE THEM.

DIFFERENT TYPES OF MATTER HAVE DIFFERENT MATERIAL PROPERTIES THAT MAKE THEM USEFUL FOR DIFFERENT JOBS.

A PLASTIC HOSEPIPE IS FLEXIBLE, SO IT CAN BE POINTED IN ANY DIRECTION. A PERSPEX VISOR IS TRANSPARENT, SO THE WEARER CAN SEE STRAIGHT THROUGH IT. A FIREFIGHTER'S SUIT IS SHINY SO IT CAN REFLECT HEAT AND LIGHT.

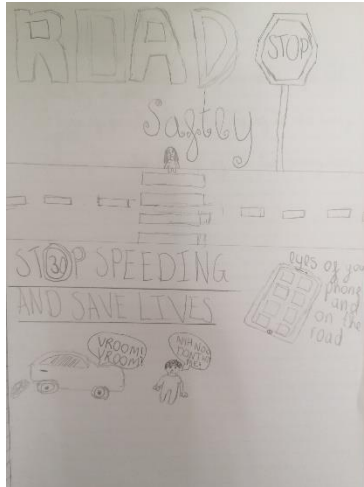
FLEXIBILITY, TRANSPARENCY, AND SHININESS ARE THREE EXAMPLES OF MATERIAL PROPERTIES.

PSCHE News and Events

SUBJECT LEADER: MRS E RISLEY

In PHCSE, we are very excited to announce that we have won the Tasty Tuck Schools Award for 2020! This award enables us to access virtual healthy eating lessons and support with student well-being. Sunflower and Hydrangea start their four-week virtual course on healthy food lessons next Friday!

This week is road safety week at school. On Friday, we are holding a road and safety day jam-packed full of activities and learning. Students are asked to design a poster in class for a competition for the official Road Safety Team. Winning entries from participating schools will be displayed on their webpage. Fingers crossed for our students.



Picture Caption: A Year 6 student design for the poster competition due on Friday (before colouring).

Guess the Picture

What do you think this is a picture of?



FACTFILE

Did you know?

SUBJECT LEADER: MRS E RISLEY

BANANAS CAN IMPROVE YOUR MOOD.

A BANANA HAS APPROXIMATELY 30% OF YOUR DAILY RECOMMENDED INTAKE OF VITAMIN B6. VITAMIN B6 HELPS THE BRAIN PRODUCE SEROTONIN WHICH CAN LIFT YOUR MOOD. IT IS ALSO A CHEMICAL THAT HELPS YOU SLEEP AND DIGEST FOOD.

IF YOU ARE TIRED, EXERCISE WILL HELP.

IF YOU ARE PHYSICALLY TIRED, THE BEST THING TO DO IS EXERCISE AS IT WILL GIVE YOU MORE ENERGY THAN SITTING. STUDIES HAVE FOUND THAT THE BLOOD AND OXYGEN FLOW THROUGH YOUR BODY WILL GIVE MORE ENERGY AND IMPROVE YOUR MOOD.

LAUGHTER IS GOOD FOR YOUR HEART.

ACCORDING TO ONE 2016 STUDY PUBLISHED IN 'THE JOURNAL OF EPIDEMIOLOGY', IT COULD ALSO DIRECTLY CONTRIBUTE TO A HEALTHIER HEART.

ANSWER : A LADY WASHING HER HANDS 1655.

Flourishing Flowers Winners

Week Ending 13/11/2020

Snowdrop – Charlie Jackson
Lupin – Ruben Forshaw
Iris – Tommy Davies
Daffodil – Chloe Kilgallon
Gerbera Daisy – Riley Lever
Hydrangea – Kian Hudson
Sunflower – Rayni De-Silva

Week Ending 20/11/2020

Snowdrop – Khloe-Mae Lee
Lupin – Boo Goulding
Iris – Joey Roscoe
Daffodil – Wyatt Foster
Gerbera Daisy – Jamie Stephenson
Hydrangea – Evie Stockley
Sunflower – Rayni De-Silva

Well done everyone!

KEY INFORMATION

Parking - When dropping off and collecting your child (ren), please be courteous to residents on where you are parking. This is also to ensure the safety of the children.

Dinner money - Dinner money is paid on a Monday via the parent app.

Absences - If your child is absent for any reason then please notify the school office before 9am by telephone or via our parent app.

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