

BREATHE, DON'T OVERTHINK IT, YOU'VE GOT THIS!

# Year Three Science

Support your child's learning



## Biological Sciences



- Search around your home for living and non-living things. Draw pictures of five of each. Write next to each picture how you know whether or not it is living.
- Find a plant and animal in your backyard. Create a Venn diagram to compare the characteristics of both. \*\*Characteristics that overlap will be those of living things.
- Ask your child to look in the cupboard and fridge for foods that are products of living things. Create a poster.

PLAY



## Earth and Space Sciences



- Make a sundial and investigate how it works.
- Go outside and draw around the outline of a shadow. Come back every few hours and repeat. Discuss why the shadow moves.
- Research how big the sun is compared to the Earth and moon. Make models to represent their size. Be creative with what you use to make a model. A pile of washing could represent the sun and a marble could be the Earth!

DISCOVER

## Science Inquiry Skills

- Measure and record the growth of a plant.
- Rub a slice of bread on door handles, the iPad, a phone & put it in a sandwich bag. Wash your hands and then touch a second slice of bread. Place it in a sandwich bag. Observe and record (take photos, draw pictures) of what happens to the bread over a period of time.

"What will happen if...?"

## Chemical Sciences

- Work out the quickest way to melt an ice block.
- Make chocolate dipped fruit. Investigate how liquids and solids respond to changes in temperature.
- Research how plastic is recycled. Focus on the melting of plastic.
- Melt some old crayons and make new colours. Use ice trays as moulds.



EXPLORE

## Physical Sciences

- Discuss what friction means. Think of 5 different ways to create friction in your home and display as a poster or on an iPad app such as Pic Collage.
- Ask your child to look for ways heat is created by electricity and burning in your home. Record their ideas in a video.
- Discuss conduction by getting out a selection of wood, metal and plastic cooking utensils. Ask your child to think about what each thing is used for and consider what it is made of.
- Download a thermometer app on your phone and ask your child to measure the outside temperature at the same time each day for a week.



\*It is not anticipated that you will complete all of these activities. Pick and choose the ones that your child will enjoy and remember to **have fun!**