

Visit activities

Pathway C

Name(s): _____



You may answer the following questions in any order.

Entrance Hall

Go to the *Its for you* exhibit.

Why shouldn't you use a landline telephone during a thunderstorm?

Look at the framed pictures in this area and in the kitchen.

What is a splayd?

When were these things invented?

Sliced bread _____

Tissues _____

Milk cartons _____

Toothbrushes _____

Instant coffee _____

Tea bags _____

The Kitchen



Go to *Microwave Meals*.

This exhibit presents information about how to use a microwave to prepare eggs, pappadams, popcorn, grapes and cups of tea.

Write some general cooking or safety hints to summarise this information.

- _____
- _____
- _____

PANTRY

Find the *Kitchen Tools* on the wall.

These tools are all simple machines – wedges, gears, levers or wheels & axles.

In the table below: Name two kitchen tools that are examples of each simple machine.



| <i>Simple Machine</i> | <i>Kitchen Tool 1</i> | <i>Kitchen Tool 2</i> |
|-----------------------|-----------------------|-----------------------|
| Wedges | | |
| Gears | | |
| Levers | | |
| Wheels & axles | | |

Find the *Fridge Flow* exhibit behind the refrigerator.

Turn the handle on the interactive display – the faster the better!

What happened to the temperature of the coiled pipes? _____

What happens to the temperature of a gas as it is compressed? _____

What happens to the temperature of a gas as it expands? _____



While in *The Pantry* ...

Write down the animal products used in the production of jelly babies:

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Lounge room

Find the *Loud and Clear* exhibit.

Describe how a loudspeaker transforms an electrical signal (electrical energy) into sound (sound energy). _____

Find the *Make Waves* exhibit.

Crank the handle to make long and short loops (waves) in the rope.

What was the greatest number of loops you made? _____

Which take *more* energy to create – long or short loop waves? _____

Bedroom

Which mosquitoes suck blood? _____

Why do they need to suck blood? _____

Bathroom

Go to the *Bath plughole* exhibit. Check behind it.

Why is the slime that grows down the drain hole of your bath never green in colour? _____



Go to the *Great Tile Temperature Surprise* exhibit.

What are the best tiles to use on bathroom floors

In hot climates? _____ In cold climates? _____

Explain your choices: _____

Go to the *Showerheads* exhibit.

How much water is used in the shower? Complete the table:

| Length of shower | Standard shower head | Water efficient shower head |
|------------------|----------------------|-----------------------------|
| 5 minute shower | | |
| 10 minute shower | | |
| 15 minute shower | | |

Water efficient shower heads use only _____% of the water used by standard shower heads.

Find the *Flush with Success* exhibit.

Why does the inventor of the toilet S bend deserve a medal? _____

The Laundry**Find the *Wise Water Use* exhibit.**

What is grey water? _____

What type of detergents are safe to use in the garden? _____

**Find the *Irons display*.**

How did early irons produce their heat? _____

The Back Porch**Find the *Don't let the fly in* panel.**

Describe how flies eat their food. _____
