

PROJECT PLACEMAT - I wonder how things work?

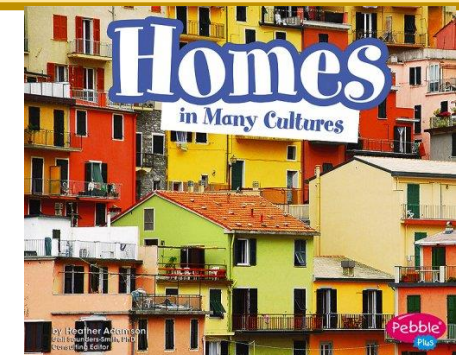
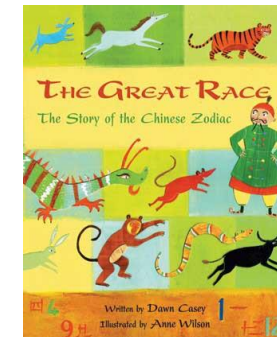
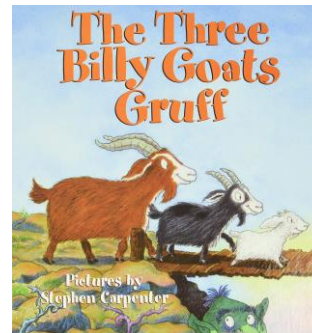
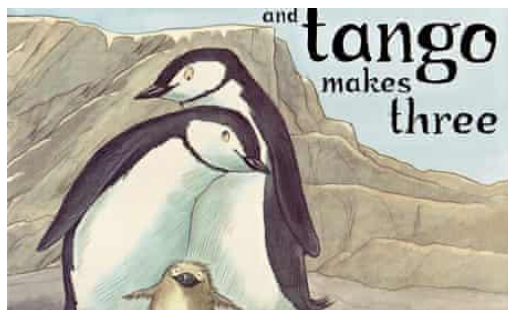
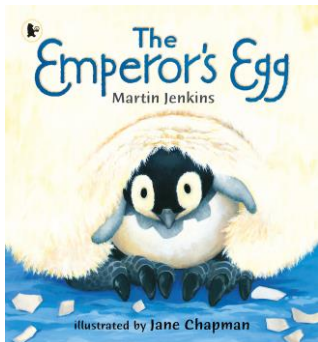
Sticky Knowledge

- I will retell a story and identify the beginning, middle and end and invent my own stories,
- I will use vocabulary linked to the project 'I wonder how things work?'
- I will describe my emotions and understand the feelings of others,
- I will move to music,
- I will read and write phase 3 digraphs,
- I will use capital letters in my writing,
- I will understand the concept of 0,
- I will represent, compose and compare numbers to 8,
- I will compare capacity and mass,
- I will look at images of transport and machines from the past and identify similarities and differences,
- I will explore aerial maps of our school and identify key features,
- I will identify typical weather in Winter,
- I will explore floating and sinking,
- I will explore the strength of materials,
- I will understand freezing and melting,
- I will melt and solidify different substances such as ice, chocolate and butter,
- I will identify plastic and metal and know which material a magnet picks up,
- I will sing nursery rhymes and songs,
- I will make 2D collages.

Key Questions:

- I wonder what happens when an ice cube melts?
- I wonder whether melting an ice cube is a reversible change?
- I wonder how structures stay up?
- I wonder what it means for something to float or sink?
- I wonder how people celebrate Chinese New Year?
- I wonder what it means to be homeless?

Key Texts



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Vital Vocabulary

Weather	The way the air feels.
Winter	The coldest season of the year.
Float	Rest on the surface of liquid without sinking.
Sink	Go below the surface of something.
Strength	The ability of an object not to break when put under pressure.
Material	What something is made of.
Freeze	When a liquid turns into ice as a result of extreme cold.
Melt	When a solid turns into a liquid as a result of heat.
Magnetic	Something that can pull certain types of metal towards it.
Celebrate	A significant or happy day.

5Cs Focus:

- **Care:** How do penguins care for their eggs?
- **Confidence:** Inventing and performing stories.
- **Compassion:** How can I help people who aren't as fortunate as I am?
- **Cooperation:** I can Aim High and Be Kind.
- **Courtesy:** Showing respect to others.

Songs to practise singing:

(Please find lyrics to the songs attached)

- One finger, one thumb.
- Goodbye everyone,
- Down in the jungle,
- 10 green bottles,
- How do you feel today?
- Silly soup.