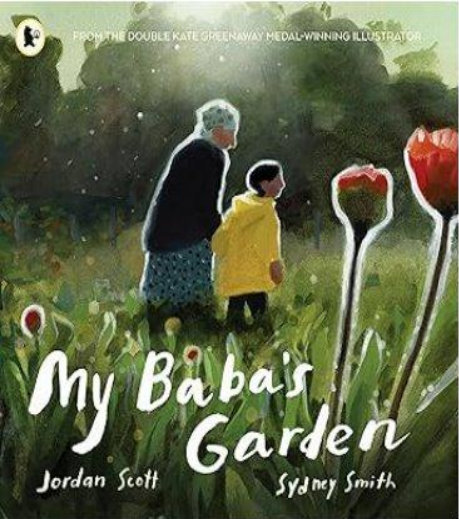


## Year 5 – Summer 1 – Chopsticks and Coconuts.

English	Maths	Music
To write accurately in first person.	Find perimeters of rectangles, rectilinear shapes and polygons	To learn how to play tunes with a Ukulele.
To write for a range of purposes – narrative.	Find areas of rectangles and compound shapes	Art
To spell some words from the Year 5 words list accurately.	Estimate areas	To paint using Batik method of a Terracotta Warrior.
To plan writing in a way that suits their thinking.	Draw, read and interpret line graphs	PE
To select language to appeal to an audience by causing an emotion.	Read and interpret tables, including two-way tables	To develop and apply jumping and landing and one leg balances. To participate in athletics games.
	Read and interpret timetables	PSHE
	Understand and use degrees	To recognise how friendships change, know how to make new friends and how to manage when I fall out with my friends.
	Classify angles	RE
		To explore what or who is God in different worldviews.
		Computing

## Year 5 – Summer 1 – Chopsticks and Coconuts.

### Science: Dissolving Materials

#### Main scientific skill taught in this topic.

Recording data and results of increasing complexity using scientific diagrams and labels, classification keys, tables, scatter graphs, bar and line graphs.

#### Objectives

Compare and group together everyday materials on the basis of their properties, including their hardness, solubility, transparency, conductivity (electrical and thermal), and response to magnets.

Know that some materials will dissolve in liquid to form a solution, and describe how to recover a substance from a solution.

Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

Give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.

Demonstrate that dissolving, mixing and changes of state are reversible changes.

Explain that some changes result in the formation of new materials, and that this kind of change is not usually reversible, including changes associated with burning and the action of acid on bicarbonate of soda.

#### Our scientific questions are:

Which materials are hard, permeable, magnetic, flexible, and transparent?

How can you separate the materials?

Which material will be the best insulator?

What materials will dissolve?

How can we make the pop rocket go higher?

### History/Geography

Explain the importance of our oceans.

Locate and describe the significance of the Great Barrier Reef.

Explain the impact that humans have on coral reefs and oceans.

Understand ways to keep our oceans healthy.

