Science at Maple Ridge

The science curriculum fosters a working scientifically approach which allows children to explore the skills needed to acquire knowledge. Practical and experiential learning harnesses the desire to question and enables children to experience the wonders of the world in meaningful contexts. Science at Maple Ridge aims to engage, inspire and motivate.
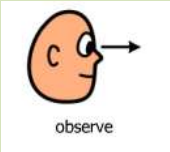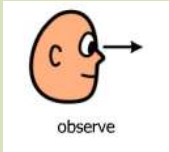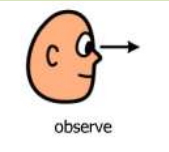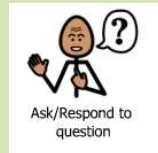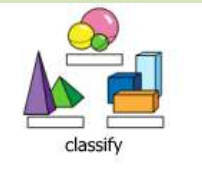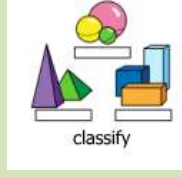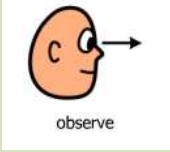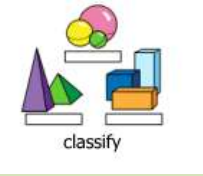
Curriculum Implementation
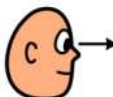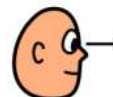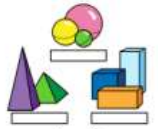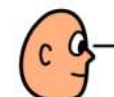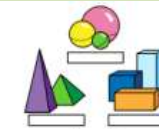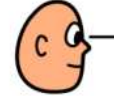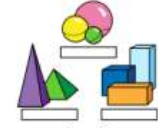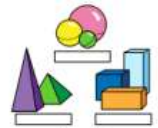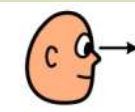
At Maple Ridge we deliver a high-quality Science education to engage, inspire and challenge our children. Over the course of our 2 year Topic cycle our children will experience and learn the different working scientifically skills; respond, observe, predict, classify, evaluate and ask questions.

Team 1, Team 2 and 3

Our children are taught:

1. To respond to questions using scientific vocabulary.

2. To observe changes in experiential learning.

3. To predict possible outcomes based on their knowledge and observations.

4. To classify in range a way relevant to their life and interests.

5. To record their findings and information in a way which is appropriate to them.

6. To ask questions to continuously engage, inspire and motivate learning.

Year 1

		Team 1	Team 2	Team 3		Team 1	Team 2	Team 3
	Autumn 1	**Me and My world** Weather	**Changes in My World** Seasonal changes	**My Changing World** Seasonal changes	**Autumn 2**	**Make a noise** Sound	**Exploring Sound** Sound	**Sources of Sound** Sound
	WS skills focus	observe	observe	observe	**WS Skill focus**	Ask/Respond to question	Ask/Respond to question	predict
	Spring 1	**Wow!** Light	**Wonder** Light	**Light and Wonder** Light	**Spring 2**	**On the Farm** Animals	**Which Pet Should I Get?** Animals and humans	**Dear Greenpeace** Living things in their habitats
	WS Skill focus	Ask/Respond to question	Ask/Respond to question	Ask/Respond to question	**WS Skill focus**	classify	classify	classify
	Summer 1	**Where** Materials	**Seaside** Every day materials and properties	**Space** Earth and space	**Summer 2**	**From Head to Toe** Humans	**Marvellous Me** Animals and humans	**My Changing Body** Animals and humans
	WS Skill focus	observe	classify	Ask/Respond to question	**WS Skill focus**	record	record	record

Year 2		Team 1	Team 2	Team 3		Team 1	Team 2	Team 3
	Autumn 1	**Superheroes** **Forces**	**Incredible Humans** <u>**Forces**</u> **and magnets**	**Big Mistakes!** <u>**Forces**</u> **and magnets**	**Autumn 2**	**My Celebrations**	**Let's Celebrate**	**World Celebration**
	WS Skill focus	Ask/Respond to question	predict	observe	**WS Skill focus**	observe	Ask/Respond to question	Ask/Respond to question
	Spring 1	**What do we play with?** **Magnets**	**Toys and Games – Magnetic** Forces **and** <u>**magnets**</u>	**Toys and Games – Electric** **Electricity**	**Spring 2**	**Mini Beasts** **Habitats**	**Ultimate Predators** **Living things in their** <u>**habitats**</u>	**Deadly 60** <u>**Animals**</u> **and humans**
	WS Skill focus	predict	Ask/Respond to question	predict	**WS Skill focus**	classify	observe	classify
	Summer 1	**Let's Build** **Materials**	**My House** <u>**Everyday materials**</u> **and properties**	**Amazing Buildings** **Everyday materials and** <u>**properties**</u>	**Summer 2**	**Green** **Plants**	**Ten Seeds** **Plants**	**The Secret Garden** **Plants**
	WS Skill focus	observe	classify	classify	**WS Skill focus**	observe	record	record