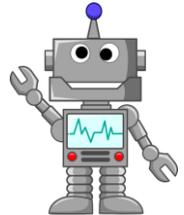
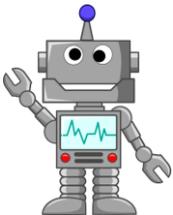




Year 4

Guide to
Summer Term 1

2019





Our curriculum at Summerlea is creative and designed to forge links between the different areas of learning. Each topic we study is led by a big question to get us thinking. We have listed the **main** curriculum areas that will be addressed through each question and have given a brief outline of what we will be learning.

This half term our driving question will be...

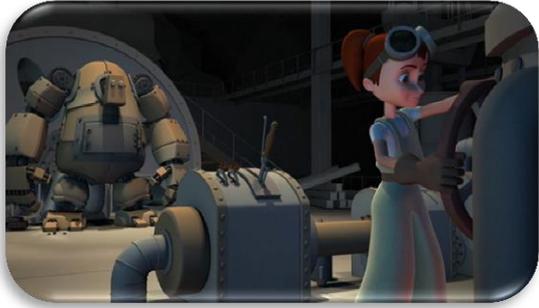
Are robots the future?

The key drivers for this topic are **Design Technology, Science** and **English**.



Overview: We kick-start the Summer term by immersing the children in a Inventor's workshop environment. Throughout the term, children will explore the world of robots through stories, visual clips and non-fiction writing. Children will have the opportunity to create WANTED! Posters and write a gripping narrative.

English: We will be exploring an array of Robotic inspired narratives. This will enable the children to write their own informative posters

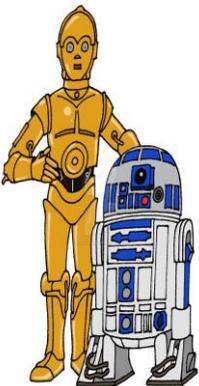


and narratives. During sessions, we will be using philosophical debate to explore the impact of robots in the modern day and their place.

Science: In our science learning journey, we will be exploring the states of matter. Children will begin to experience how they change by dissolving



salts, making saturated solutions and experimenting with ice balloons. Children will be looking at the effect of heating and cooling. Watch out for the jelly and ice cream!



Computing: Our computing adventure will explore Logo programming. Whereby, children will begin to write algorithms, procedures and debug. Additionally, we will be exploring LEGO: Mindstorms. The children will be able to bring to life their very own robotic friend.

Mathematics:

Our main objectives are to:

Decimals:

Recognise and write decimal equivalents of any number of tenths or hundredths.

Find the effect of dividing a one- or two-digit number by 10 or 100, identifying the value of the digits in the answer as ones, tenths and hundredths

Round and decimals with 1 decimal place to the nearest whole number.

Compare numbers with the same number of decimal places up to 2 decimal places.

Solve simple measure and money problems involving fractions and decimals to two decimal places.

Money & Time:

Estimate, compare and calculate different measures, including money in pounds and pence.

Read, write and convert time between analogue and digital 12 and 24-hour clocks.

Solve problems involving converting from hours to minutes, minutes to seconds, years to months, weeks to days.

Year 4 information



The team:

Lower Key Stage 2 Phase Leader: Mr Burrows

Beech Class: Miss Axton

Elm Class: Mr Burnett

Mrs Moynihan and Mrs Burge (PPA/Leadership cover)

Miss Short; Mr Abdoullahi; Mrs Dale; Mrs Turvey (Individual Needs Assistants)

Exciting days, trips and visitors:

Year 4 Swimming: Starts Monday 29th April 2019 for 10 weeks

Maths pre- teach for parents: Tuesday 30th April 2019 at 2.30pm

Robotic Day: Thursday 9th May 2019 (TBC)



PE Days:

Monday: Swimming

Wednesday: Outdoor PE

NB: We ask that your child has their PE kit in school every day as there may be unforeseen timetable changes or additional activities planned. Please ensure this comes straight back into school if they take it home after a sports club.

Coats/snacks/drinks and equipment:

Please ensure your child has appropriate clothing for cold/wet weather, as we will often still go out when it is raining and remember to ensure they have a separate jumper for outdoor PE. We ask that every child has a water bottle in school and that break time snacks are put in the class box as soon as they come in, in the morning.



Please don't hesitate to get in touch with your child's class teacher if you have any questions or concerns; our doors are always open.

Preview/review

At the beginning of each half term we like to invite your child to reflect on previous learning and look forward to new learning.

Last half term your big question was:

What's under the layers?

What did you learn?

This half term our big question is:

Are robots the future?

What do you already know?

