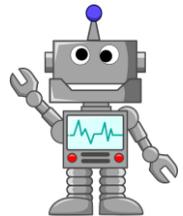
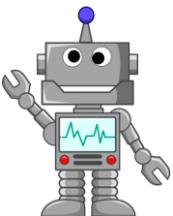


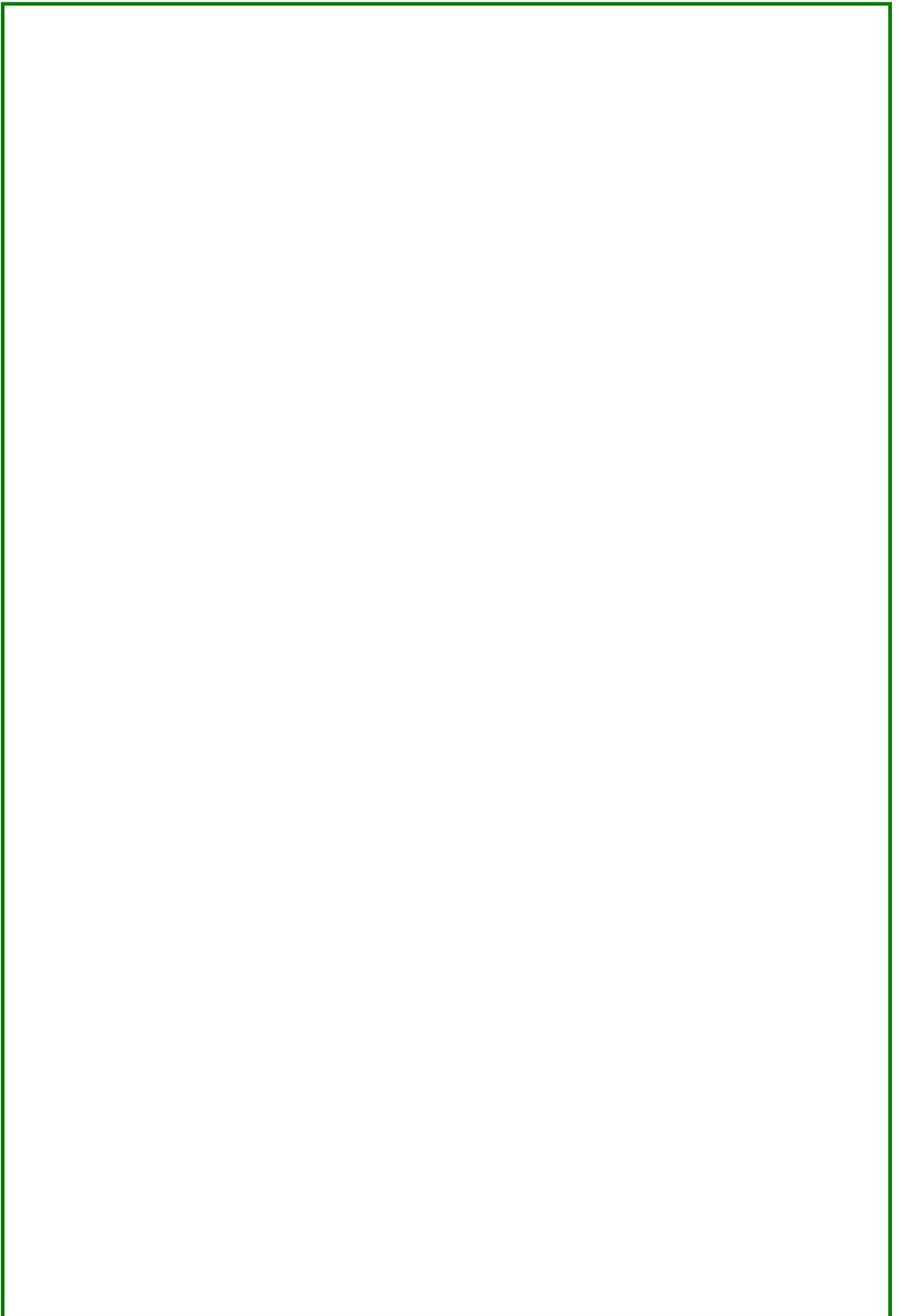


Year 4

Guide To

Summer 1 2018





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 driving question to get us thinking. We have listed the **main** curriculum areas that will be addressed by 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?”

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 design and create their own robotic friend.

English: We will be exploring an array of Robotic inspired narratives. This will enable the children to write their own poetry, narratives and newspaper articles. During sessions, we will be using philosophical debate to explore the impact of robots in the modern day and their place.

Science: Our unit focus is Electricity. We will be exploring what common appliances run on electricity. In addition, we will be discovering how circuits work using various components and looking at conductors.

DT/Computing: We will use research and develop design criteria to create our own robot. We will apply our understanding of commands using the program Scratch!

Maths:

Our main objectives are to:

Number: Decimals

- Count up and down in hundredths; recognise that hundredths arise when dividing an object by a 100 and dividing tenths by 10.
- Recognise and write decimal equivalents of any number of tenths or hundredths
- Recognise and write decimal equivalents to $\frac{1}{4}$; $\frac{1}{2}$; $\frac{3}{4}$
- Find the effect of dividing a one- or two-digit number by 10 and 100, identifying the value of the digits in the answer as ones, tenths and hundredths
- Round 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 decimals to 2 decimal places.

Measurement: 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 news and information

The team:

Mrs Refoy (Beech Class Teacher)

Miss Axton (Sycamore Class Teacher)

Mr Burnett (Juniper Class Teacher)

Mrs Kirkwood & Mrs King (Learning Support Assistants)

Exciting days and events:

Year 4 Swimming: *Starts Monday 23rd April 2018 for 10 weeks.*

Year 4 Assembly: *Thursday 10th May at 2.15pm*

PE & Library Days:

Outdoor PE: *Monday afternoons for all classes.*

Library: *Wednesday for all classes.*

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 concerns or queries; our doors are always open.

Homework



Homework is non-statutory and, as previously, there is no requirement to complete a set amount each week.

Our minimum expectation is that all children should read regularly, ideally every day. Spelling and mental/oral maths practise is also important and homework for these two areas will also be set regularly.

Reading

At Summerlea we are positively promoting reading for enjoyment. We want all children to love reading and be able to talk about books they have enjoyed or learned from! Every half-term our school-wide theme will change and we are encouraging children to choose and share texts that fit this in the hope they will be exposed to different types of stories, styles and authors.

*This half-term's theme is... **Poetry***

Reading and understanding a full range of text-types and authors will not only bring pleasure but can also develop comprehension, spelling and writing skills. Encourage your child to share and talk about texts with you, visit your local library, hear them read, read to them and enjoy!



Spellings

Spellings will be set every two weeks and sent home in a small book.

There will be 7 words from our pattern we are learning at school and also 3 individual words that the children choose from a set list of errors in their own work.

We have included a spelling strategy sheet to give you a few ideas on how to practise these at home.



Maths

We encourage the practising of key mental maths skills and would like children to practise their number bonds, doubling and halving and times tables.

More practise will lead to better retention!

Your child has their own Mental Maths Passport. In your child's passport is a list of times tables as well as our 'Around The World' objective list. Please spend time practising times tables and your child's Around The World target at home. You can tick them if you think your child has achieved a times table or Around The World target. They will be regularly checked and assessed in class.

6 things to try before half term...

In addition, and in the same vein as the National Trust's '50 things to do before you are 11 ¾' we provide a list of suggested activities, linked to the year group topic, your child might like to have a go at during the course of a half term. The suggestions are simply that; ideas to get you and your child thinking about fun and creative ways into exploring learning themes.

Can you create a Robotic inspired set of Top Trumps?

Can you make your own Robotic collage? (Use a variety of materials to bring your design to life)

Create a fascinating fact file about your own robotic friend.

Create your own marvellous mechanical instrument?

Can you create your own inspired 'Robot Wars' prototype?

Take on the role of an author, song writer, actor or comic designer to create your own exciting material based on The Robot & Girl!

***If you think of any more topic related tasks to do feel free!
We'd love to hear about, look at and learn from them.***

Preview/review

At the beginning of each half term we would also 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?