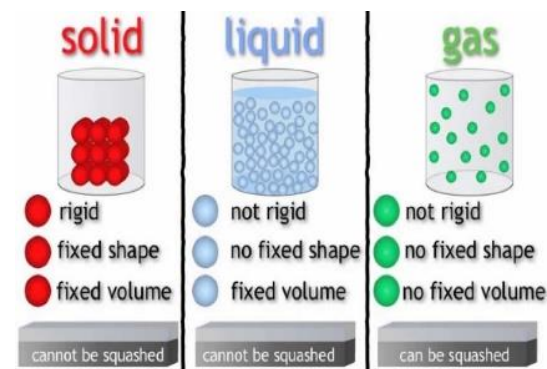
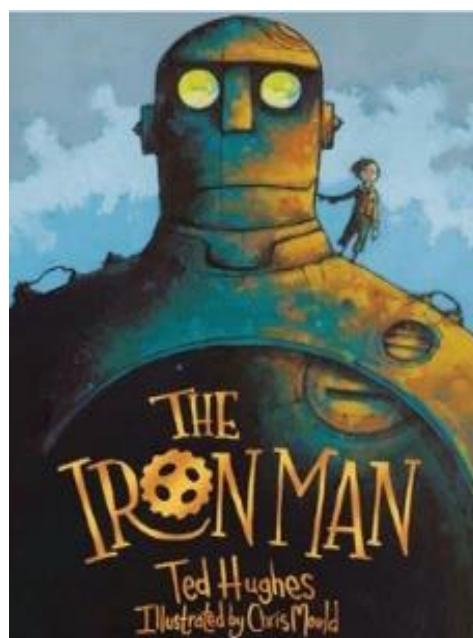
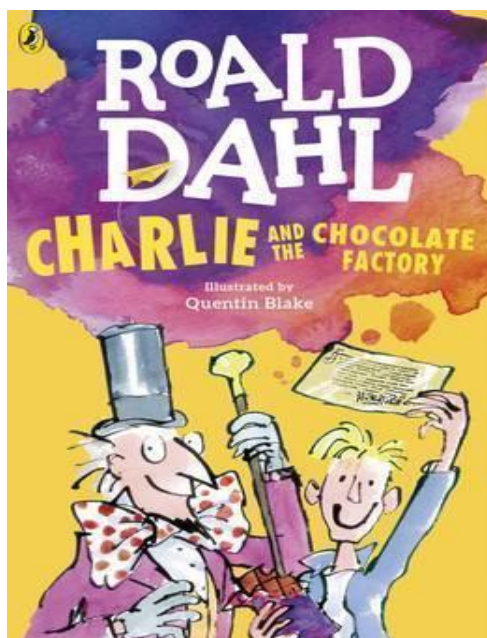


Year 3 and 4

Summer 1 2023



Big Questions: Why do Oompa Loompas need to be good scientists?

Week 1

YEAR 4 children at Whitemoor Lakes Wednesday to Friday

Topic WOW starter: We will watch the film, Charlie and the Chocolate Factory

Science topic What do the Oompa Loompas need to know about solids, liquids and gases?

We will learn the differences between solids, liquids and gases and sort materials accordingly.

English

The **Rabbits** will start reading Charlie and the Chocolate Factory, and will develop a new chocolate bar using expanded noun phrases, prepositions and effective vocabulary choices.

The **Moles** will start reading Charlie and the Chocolate Factory and they will be developing a new chocolate bar to advertise

The **Foxes** will be reading Charlie and the Chocolate Factory and the reading focus will be 2a: understanding words in context. They will compare the book and film, look at features of persuasive writing (adverts) and gather descriptive words for sweets / chocolate.

Maths: Year 3 will be focusing on fractions. They will be adding and subtracting fractions, partition the whole and find unit fractions of a set of objects.

Year 4 **Moles** will be learning to add fractions including mixed numbers, and begin to subtract fractions.

The **Rabbits** will be practicing making a whole with tenths and hundredths before learning how to partition decimals flexibly.

Key instant recall of facts (KIRFS) Year 3 only: Doubles and halves of whole numbers to 20

Year 4: Double and halves of all numbers to 50

No R.E this week

In **P.E** this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton. Year 3 only

German Year 3 only - Year 3 will learn how to name parts of the body.

In **PSHE**, the children will identify the roles and responsibilities of our family members and will reflect on the expectations for males and females. They will describe how taking some responsibility in our families makes us feel.

In **Music**, Year 3s will do K2M and they will perform a short piece demonstrating good posture, showing a relaxed approach without tension. The Y4 children will be listening to and appraising 'Blackbird' by the Beatles.

In **Computing**, the children will learn what the common instructions are in 2Log and how to type them. They will learn to follow simple instructions to create shapes in 2Logo.

Week 2

Science topic How much gas is there in fizzy lifting juice?

Children will carry out an investigation to find out which fizzy drink contains the most gas.

How can the Oompa Loompas keep the chocolate river flowing?

Children will observe how materials change state when heated or cooled and will discover the melting temperature of chocolate.

English

The **Rabbits** will continue to read Charlie and the Chocolate Factory, exploring the author's use of italics and how it adds suspense and intrigue (2g). They will also explore and comment on some effective food advertisements, looking at their features and use of language and techniques they use to advertise their products. They will create their own advertisement for their new chocolate bars.

The **Moles** will start writing the story of Charlie and the Chocolate Factory as Charlie hunts for a golden ticket. We will be concentrating on using adjectives; adverbs; similes; repetition; conjunctions and dialogue.

The **Foxes** will be reading Charlie and the Chocolate Factory and the reading focus will be 2b: retrieving information from a text. They will also be designing a chocolate bar, developing a rich understanding of words associated with food, write a snappy slogan and create a poster advert for their own chocolate bar.

Maths: Year 3 will be focusing on fractions. They will be adding and subtracting fractions, partition the whole and find unit fractions of a set of objects. The year 4 **Moles** will continue subtracting fractions, including from mixed numbers, and will learn about tenths as fractions and decimals.

The **Rabbits** will learn to order and compare decimals, and round them to the nearest whole number.

Key instant recall of facts (KIRFS)

Year 3: Doubles and halves of whole numbers to 20 Year 4: doubles and halves of whole numbers to 50

In **R.E** the children will continue their learning about Hinduism, this week focusing on worship in the Mandir.

In **P.E** this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton

German- years 3 and 4 will continue the topic of body parts, they will describe a monster/alien and learn a song.

In **PSHE**, the children will identify and put into practice some of the skills of friendship. They will also understand how to negotiate in conflict situations to try to find a win-win solution.

In **Music**, Year 3s will do K2M and they will apply their knowledge of pulse, note lengths etc... to learning a range of simple pieces on the violin. The Y4 children will be exploring the historical context of The Beatles' 'Blackbird' and learning more about the Beatles as an influential musicians.

In **Computing**, the children will create their own 2Logo instructions to draw patterns of increasing complexity They will be introduced to pu and pd commands.

Week 3

Science topic **Can the Oompa Loompas make an everlasting ice lolly?**

Children will explore the changing state of water from liquid to a solid and gas. They will carry out an experiment to find out how long they can keep an ice cube in its solid form.

Create a leaflet for new Oompa Loompas who want to work at Mr Wonka's factory. The children will complete an information leaflet teaching the new Oompa Loompas about states of matter.

English: The **Rabbits** will continue to read Charlie and the Chocolate Factory, retrieving information about the factory and the Oompa Loompas. The children will focus on the features of a leaflet and using fronted adverbials and subordinate clauses to write detailed sentences about the chocolate room and other parts of the factory.

The **Moles** will continue writing about the hunt for a golden ticket. We will be concentrating on using noun phrases, imagery, alliteration, complex sentences, and short sentences for impact. We will then plan our own independent writing about Charlie's first visit to the factory.

The **Foxes** will be reading Charlie and the Chocolate Factory and the reading focus will be 2c: to summarise events from a chapter. They will also look at features in informal letters, write effective sentences using imagery and focus on using conjunctions and apostrophes for contractions.

Maths: Year 3 will be focusing on money. They will be looking at pounds and pence and converting between them. They will also be adding and subtracting money.

The year 4 **Moles** will continue to learn about tenths and will divide numbers by 10.

The **Rabbits** will learn how to write money using decimals, convert between pounds and pence, and compare amounts of money.

Key instant recall of facts (KIRFS)

Year 3: Doubles and halves of whole numbers to 20 Year 4: doubles and halves of whole numbers to 50

In **R.E** the children will continue their learning about Hinduism, this week focusing on worship within the home.

In **P.E** this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton

German Year 3 will begin the topic of clothes. They will learn how to describe their school uniform.

Year 4 will make up a role-play based on buying food and drink in a café.

In **PSHE**, the children will use some strategies to keep themselves safe online and to know who to ask for help if they are worried or concerned about behaviour online.

In **Music**, Year 3s will do K2M and they will use fingers with more confidence and play a scale and to develop note reading and playing skills within the concert repertoire. The Y4 children will learn the lyrics to Blackbird and perform the song.

	In Computing , the children will use Repeat commands and predict the outcome of 2Logo codes. They will find the most efficient way to draw shapes.
Big Question: How can we stop the Iron Man from causing total destruction?	
Week 4	<p>Science topic WOW starter – Scrapyard challenge – children sort a range of objects based on their properties and materials.</p> <p>What forces are needed for the Iron Man to move? Children will identify different types of forces and investigate the speed of toy cars over different surfaces.</p> <p>English: The Rabbits will complete their BWCA piece of work – a persuasive and informative leaflet about the factory and what they can see if they win a golden ticket. They will compare (2h) the book to the film watched as the Science WOW starter.</p> <p>The Moles will be writing a recount of the first time Charlie visited the Chocolate Factory (BWCA). They will then start reading the Iron Man by Ted Hughes and concentrate on retrieving information and exploring the meaning of words.</p> <p>The Foxes will be reading Charlie and the Chocolate Factory and the reading focus will be 2g: to explain why an author uses particular words. They will also use expanded noun phrases, revise the use of exclamation sentences and questions and they will plan an informal letter.</p> <p>Maths: Year 3 will be focusing on money. They will be finding change and reasoning with money.</p> <p>The year 4 Moles will learn about hundredths this week and will divide numbers by 100.</p> <p>The Rabbits will estimate amounts of money and solve word problems. The children will begin to recap how many days are in a year, month and week, and how many seconds and minutes are in an hour.</p> <p>Key instant recall of facts (KIRFS)</p> <p>Year 3: Doubles and halves of whole numbers to 20 Year 4: doubles and halves of whole numbers to 50</p> <p>In R.E the children will continue their learning about Hinduism, this week focusing on ceremonies related to joining or belonging to the faith.</p> <p>In P.E this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton</p> <p>German Year 3 will continue the topic of clothes by talking about what they wear at the weekend or to a party. Year 4 will continue working on their café role-plays.</p> <p>In PSHE, the children will explain how some of the actions and work of people around the world help and influence our lives.</p> <p>In Music, Year 3s will do K2M and they will use the bow with more confidence to produce a consistently good sound and a variety of long and short notes, varying dynamics. The Y4 children will listen and appraise Stop, a rap about bullying.</p> <p>In Computing, the children will use the Procedure feature and create flowers or crystals using 2Logo.</p>

Week 5

Science topic - Why would the Iron Man be scared of magnets? Children will investigate materials to find out which have magnetic properties.

Can we use magnets to stop the Iron Man? Children learn about magnetic poles, and how magnets can attract and repel each other.

English: The **Rabbits** will complete their SPAG assessment and will begin reading the Iron Man by Ted Hughes. The children will revisit the present perfect tense and retell the introductory chapter where the robot emerges from the sea.

The **Moles** will be reading the Iron Man by Ted Hughes. The focus will be on dialogue and speech and diary writing.

The **Foxes** will be reading Charlie and the Chocolate Factory and they will be completing a SPAG assessment. They will write their assessed BWCA writing which will be an informal letter based on Charlie and the Chocolate Factory.

Maths: Year 3 will be focusing on time. They will be learning roman numerals to 12, tell the time to 5 minutes and tell the time to the minute.

The year 4 Moles will find out how to make a whole with tenths and hundredths, partition and compare decimals.

The **Rabbits** will recap how to tell the time to 5 minutes and to the minute.

Key instant recall of facts (KIRFS)

Year 3: Doubles and halves of whole numbers to 20 Year 4: doubles and halves of whole numbers to 50

In **R.E** the children will continue their learning about Hinduism, this week learning about Hindu wedding ceremonies.

In **P.E** this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton

German - we will start the topic of healthy living. Pupils will look at food and drink choices and say if they are healthy or not.

In **PSHE**, the children will understand how our needs and rights are shared by children around the world and to identify how our lives may be different.

In **Music**, Year 3s will do K2M and they will become aware of bowing technique to improve their tone and execution of fingered notes. The Y4 children will learn the chorus and begin writing their own rap verses in groups.

In **Computing**, the children will create their own logos and designs using what they have learned on 2Logo.

Week 6

Science topic - Can you use what you know about magnets to build a trap to capture the Iron Man?

Design and Technology – the children will learn how to make mechanisms and then design and build a trap for the Iron Man.

English - Reading assessments take place this week

The **Rabbits** will read the chapter 'What's to be done with the Iron Man?' and make predictions on what will happen to him. They will make inferences on his skills and abilities and create a letter of application for him.

The **Moles** will continue reading the Iron Man with a focus on word choices and inference.

The **Foxes** will be reading The Iron Man and the reading focus will be 2b - retrieving information and identifying key details. They will be using powerful verbs in sentences.

Maths: Year 3 will be focusing on time. They will to tell the time on a digital clock, use am and pm and learn the relationship between years, months and days.

The year 4 **Moles** will order and round decimals and look at halves and quarters as decimals.

The **Rabbits** will learn how to convert between analogue and digital times, and convert to and from the 24 hour clock.

Key instant recall of facts (KIRFS)

Year 3: Doubles and halves of whole numbers to 20 Year 4: doubles and halves of whole numbers to 50

In **R.E** the children will continue their learning about Hinduism, this week focusing on how Hindus respect the environment.

In **P.E** this half term, the focus will be team games. Sports Coaches will be teaching cricket and badminton

German - We will continue this topic by creating a poster about healthy food and drink choices. Year 4 will extend their learning by giving simple reasons for their choices.

In **PSHE**, the children will continue to understand how our needs and rights are shared by children around the world and to identify how our lives may be different.

In **Music**, Year 3s will do K2M and they will read simple rhythmic and melodic notation to perform pieces and to be able to increase their aural memory to learn more complex songs and pieces. The Y4 children will perform their rap verses.

In **Computing**, the children will create their own logos and designs using what they have learned on 2Logo.