



GREENSIDE FILM FACTORY
The Year of Magic, Mystery & Miracles!
 2022-2023



STAR Day Planning: Spring Term 2 - 2023
Class Film Text: *Cosmos - A SpaceTime Odyssey*

Class Teacher: Ciara Finney
Class Book/ Text: *The Jamie Drake Equation* - Christopher Edge

WEEK 1 THEME/ Hook: Starting with a Bang Monday 20th February Good Chance Art Fundraising Project

Monday 20th February - Wednesday 22nd January

Learning Experiences/Context of the film:

Class Film Immersion Day:

Knowledge Harvest – what do we know already?

Big questions for our display – what do we want to find out?

Context - what is the context of our film? What was happening in the world at the time?

We will watch the film and pick out the main themes and ideas that we notice. We will make creative items for our class display based on the film during the afternoon.

Monday 20th February Good Chance Art Fundraising Project:

This is a non uniform day for students. They will bring in a coin and spend the afternoon making postcards linked to the themes of their films. We will be holding a parent/ carer workshop during the afternoon where families can make their cards together. These will then be available for sale during the week.

(Y3&4 PE will move to Tuesday this week)

Immersion experience:

This half term, Y6 will be travelling into space, to explore it more scientifically. In week one, students will, *almost* literally, travel through space and time. Our Virtual Reality headsets will send them into outer space in order to experience what a journey through space might look like. The magnitude of this is difficult to comprehend so experiencing what it might have been like will help students to begin to understand what it really looks like. Using the experience, they will create an informal non-chronological report over the coming weeks, explaining different elements of their journey through space and time using the headsets. Our focus this week will be on exploring the themes of our film, engaging in discussions about the world and what students know about the way scientists believe it was created.

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied
 - summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
 - identifying how language, structure and presentation contribute to meaning
- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing

English:

There will be two main writing experiences this half term as we collect our final work for our portfolios. First is a scientific piece, informally telling the journey through time from the big bang and through the evolution of humans. This week the focus will be on understanding and processing the information needed going for the presentations.

GPS:

Throughout the next few weeks, as we approach our GPS tests, we will be choosing a different focus each week. This week, using our planning stages for our non-chronological reports, we will consider word class and consolidate our understanding.

Writing Experience:

There will be two main writing experiences this half term as we collect our final work for our portfolios. First is a scientific piece, informally telling the journey through time from the big bang and through the evolution of humans. This week the focus will be on understanding and processing the information needed going for the presentations.

Reading Tree:

Reading Domain:

This week we will vary our practise, with focus on the following objectives.

Reading Domain: 2a: Give / explain the meaning of words in context.

2b: retrieve and record information / identify key details from fiction and non-fiction

2d: make inferences from the text / explain and justify inferences with evidence from the text

Maths in the Movies / STEAM:**STEAM:**

Our ongoing STEAM project during this very busy half term for our wonderful Y6 students will surround their complex writing task. This already incorporates science, as the presentations will be all about evolution. Technology, engineering, art and some Maths will come into the presenting elements of their work. How will they make sure that their presentations are engaging, using different elements of their STEAM learning across the year to captivate their audience. They will need to think about their use of technology- will they have a presentation or pictures on slides? Art will be important in the way they choose to layout their work. Our project will bring in all of this and of course our world ready skills as they organise and work as a team to confidently present their ideas to others.

- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- suggest ways of improving own work
- comment on works of art
- choose materials and techniques which are appropriate for their task
- talk about works of art, giving reasons for their opinions
- communicate through visual and tactile forms
- Be able to suggest ways of improving own work
- Be able to comment on works of art
- Be able to choose materials and techniques which are appropriate for their task
- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

One of our art focuses last year was watercolours. We will be consolidating these skills by creating watercolour planets, considering features of the planets and learning about the size, colour and climate. These will contribute to our final display.

Maths:

This week, our focus in Maths will be on finding a fraction of an amount, as we work towards concluding our work on fractions. In a range of cosmos themed scenarios, students will find fractions of integers. We will continue with our helpful rhyme- "To find a fraction of a number, stop! Divide by the bottom and times by the top!"

Exploring our planets will provide the perfect platform for us to immerse ourselves in.

Arithmetic: During our arithmetic lessons this half term, we will be consolidating some of the trickier number and fractions topics we have covered over the course of the half term. In short quizzes, called 'fluent in five' we will practise the four operations and in our longer arithmetic sessions, the four operations with fractions.

Photography: The focus of our film, particularly this week, is on the Cosmos and how scientists believe that the big bang created everything. For our second half term of photography focus, Y6 will continue to build on their in-class photography exhibition, adding photos they have taken of natural things in their environment. This will further discussions about human and physical geography begun in our Spring 1 Crew Days, and develop their photography skills as they consolidate their techniques.

Class display: For our class display, we will create eye-catching space themed lettering along with watercolour planets to make our back wall really stand out. Students' VR experience will give them lots of ideas for creating this spectacle.

Friday 24th January

Learning Experiences

Friday Big Write: We will create our own ship of the imagination to begin a journey through the universe. Each week, the ship of imagination students have designed today will travel to a new location and describe their experience visiting this new spot.

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach Maths problems in different ways, covering strategies for logical problem solving. This week, students will explore finding fractions of amounts in a range of challenging reasoning problems.

Skills:

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending
- find fractions of amounts
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed

PE/ Sports: (Activities, key skills / techniques)

Yoga- This session we will look at the sun salutation pose. We will go over what the pose looks like and add it to our bank of poses we have already learnt. We will build our stamina of moving from pose to pose.

Hockey - Our next session will be passing. We will work on being able to accurately pass a ball with the hockey stick and understanding when is the best time to pass the ball to a teammate.

- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs

WEEK 2 THEME/ Hook: Space and Time**Monday 27th February - Wednesday 1st March****Learning Experiences/Context of the film:**

Cosmos takes viewers on a journey through space and time - a journey which spans approximately 13.8 billion years. Students will study what happened after The Big Bang, considering how the universe stretched and expanded - which it's still doing today! How can we present this complex information accurately, clearly and in a creative way? They will write their piece as a scientific presentation to demonstrate their knowledge.

Immersion experience:

As we contemplate all we know about the topic for our presentations, students will use their organisation and team work to split off into groups and gather the research for the different sections of the writing. They will then become the teachers, presenting this to the rest of the class, who will take notes to collect the information they need to complete their writing.

English:**Writing Experience:**

The challenge for students this week will be to present a highly complex topic with technical and scientific accuracy while also ensuring it is largely informal. Students will study the history of the universe through a cosmic calendar/timeline. They will find out about the place of earth in the universe, different periods in the history of the planet and when earth as we know it developed. Science lessons this week will focus on developing this knowledge which students will then transfer into their creative piece of writing. The writing will be written for a wide audience, using informal language to allow access to many readers.

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied
 - summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
 - identifying how language, structure and presentation contribute to meaning

GPS: exercising an assured and conscious control over levels of formality, particularly through manipulating grammar and vocabulary. Alongside this, students will consolidate their understanding of

Reading Tree:

Reading Domain: this week we will look at test style questions asking students about the author's intentions and word choices. We will look at this through the context of an unseen poem to allow students to prepare for their upcoming tests. Once we have looked at a range of questions, we will apply this to three mark questions to continue to hone this skill.

2g identify / explain how meaning is enhanced through choice of words and phrases

2h: make comparisons within the text

Maths in the Movies / STEAM:

Maths:

This week, we will move on from our focus on fractions, to begin to look at our new unit, measurement. We will convert between different units of metric measure, considering

STEAM:

Y6 has looked at inheritance and how scientists believe humans evolved. They will now understand how scientists believe that the universe was created, through the ship of imagination. During our first session, we will also look at inheritance, recognising that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents in the context of inheritance.

We will also continue to develop and organise our technical, scientific pieces of writing.

Arithmetic: During our arithmetic lessons this half term, we will be consolidating some of the trickier number and fractions topics we have covered over the course of the half term. In short quizzes, called 'fluent in five' we will practise the four operations and in our longer arithmetic sessions, the four operations with fractions.

Photography: As we make our way through the skills we developed in our photography focus last half term, we begin again with our iPhoneography skill focus.

Maths display: This half term, as we approach our tests, we will use our Maths display as a helpful working wall with worked examples for students to refer to

- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing
- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- suggest ways of improving own work
- comment on works of art
- choose materials and techniques which are appropriate for their task
- talk about works of art, giving reasons for their opinions
- communicate through visual and tactile forms
- Be able to suggest ways of improving own work
- Be able to comment on works of art
- Be able to choose materials and techniques which are appropriate for their task
- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
- solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate
- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places

topics we have already learnt. This will remind them of the techniques they need as they approach worded problems and arithmetic quizzes. The wall will focus on - long multiplication, long division, fractions and percentages.

Friday 3rd March

Learning Experiences

Friday Big Write:

Our ship of the imagination will visit earth during the ice age to find out what conditions were like and how the planet differs from how it is now.

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach Maths problems in different ways, covering strategies for logical problem solving. This week, students will explore converting between units of metric measurement.

PE/ Sports: (Activities, key skills / techniques)

Yoga- This week we should have built some endurance and will try to perform the poses we have already covered but for an extended period of time and making them slightly more difficult.

Hockey- This session we will expand on passing and practice passing the ball whilst moving to a partner. We will then work on shooting on target. We will go over the techniques to passing and practice shooting from different angles.

Skills:

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending
- solve problems involving the calculation and conversion of units of measure, using decimal notation up to 3 decimal places where appropriate
- use, read, write and convert between standard units, converting measurements of length, mass, volume and time from a smaller unit of measure to a larger unit, and vice versa, using decimal notation to up to 3 decimal places
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs

WEEK 3 THEME/ Hook: Evolution

Monday 6th March - Wednesday 8th March

Learning Experiences/Context of the film:

This week, we will delve further into our work on evolution, as we move through the topics of the film. Our film goes on to explore how life in different forms began to take shape on planet earth. It looks at how the different periods during earth's history have shaped the development of life and how mass extinctions have played their part too. What would life be like now if dinosaurs had not become extinct?

We will watch the second episode of Cosmos which is called Some of the Things That Molecules Do. Students' learning will focus mainly on the theory of evolution. This learning and new knowledge will help them to add to a new section to their scientific presentation.

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing

Immersion experience:

This week's immersion experience will be an editing carousel, where students will take on a new role, imagining they are editors of an important scientific journal providing information on evolution to be accessed by adults and students alike. As they move through the stations, they will consider the transcriptional elements of their writing, and compositional elements. Firstly, proofreading is a key part of an editor's job. Can they spot any errors in the grammar or any spelling errors to correct? Also, they will need to consider the overall impact of the writing. Is the level of formality appropriate for the task? Have they considered the purpose and the audience, whilst ensuring that the information they have provided is factually correct?

English:

Writing Experience: This week students will continue to write their presentations, with a focus on the evolution of different forms of life. We will explore the first recorded forms of life and look at how they have evolved over time to what we know today. What part of this theory interests you the most? How can you use this to engage your audience? This piece of writing will focus on the use of language - balancing technical vocabulary in an informal style. To help add additional information, presented in a clear way, students will use bullet points to help organise the text.

GPS: students will use bullet points consistently to help organise information in their text.

Reading Tree:

Reading Domain: Another opportunity for varied practice this week, as we mix up the domains to ensure that we know the kinds of questions we will be answering in our DC.

Maths in the Movies / STEAM:**Maths:**

Our focus in Maths this week is on fractions as division. We will study the relationship between fractions and simple division. For example, a quarter is the same as 1 divided by 4. Improving our understanding of fractions will help to improve recall and fluency.

STEAM:

- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied
 - summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
 - identifying how language, structure and presentation contribute to meaning
- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing
- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- suggest ways of improving own work
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- communicate through visual and tactile forms
- Be able to suggest ways of improving own work
- Be able to comment on works of art
- Be able to choose materials and techniques which are appropriate for their task
- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

We will continue our research into the origins of the species as we look at the evolution of living things. We will focus on three different types of living things – humans, bears and dogs, to see how they have inherited characteristics from ancestors and how each species has evolved over time and adapted to their differing environments. Students will construct family trees for different species to show this development. Linked to this will be our Maths as we further develop our use of algebraic problem solving, ratio and proportion. We will also look at the effects of different temperatures on the evolution of living things. What could survive the ice age? What can live at high temperatures? We will link Maths learning on adding and subtracting positive and negative numbers.

Arithmetic: During our arithmetic lessons this half term, we will be consolidating some of the trickier number and fractions topics we have covered over the course of the half term. In short quizzes, called 'fluent in five' we will practise the four operations and in our longer arithmetic sessions, the four operations with fractions.

Photography: Last half term we had a lot of fun creating our perspective photography! We will continue this using flowers and plants and making them look disproportionately big.

Writing display: Our writing display will begin to go up on our display this week, as we showcase the fundamental skill of editing and republishing our writing. On one side of our board we will have the drafted and edited versions of students' writing, leading the reader to look at the right hand side where the final products will show the process and how far the writing has come throughout the journey.

Friday 10th March

Learning Experiences

Friday Big Write: Our ship of the imagination continues its journey, visiting the dinosaurs.

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach Maths problems in different ways, covering strategies for logical problem solving. This week, students will explore fractions, decimals and percentage equivalence.

PE/ Sports: (Activities, key skills / techniques)

Skills:

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic
- principles suitable for attacking and defending
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and

Yoga - This week is all about strength. We will discuss how to use our strength to hold the yoga pose and which muscles they will be targeting.

Hockey - We will be learning how to tackle and defend this week. We will be going over the technique to stop the ball with the stick in order to stop the ball. We will then play a game with 2 students passing the ball and a defender in the middle.

atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs

WEEK 4 THEME/ Hook: The Beauty of our Planet

Monday 13th March - Wednesday 15th March

Learning Experiences/Context of the film:

This week, we are going to focus on our solar system, the beauty of the cosmos, and the beauty of our planet. As we continue to consider adaptation, we will look at different parts of the planet and their relationship to the equator, considering what the characteristics are of the different creatures that inhabit different climates.

We will focus our attention on the natural wonders of the world, as we look at the geographical features.

Immersion experience:

This week, we will immerse ourselves into different climates and cultures as we consider how diverse and interesting our planet really is. We will become inspired by the different locations, creating music to highlight the atmosphere we imagine in each place. For example, what kind of timbre and tempo do we imagine would be in music heard around the Grand Canyon or the Northern Lights?

English:

Writing Experience:

As we explore a new writing style, we will use The Magic of the Brain by Jenny Joseph as a stimulus to create our own writing. Inspired by her use of the senses to explore her surroundings, we will launch ourselves back into the ship of imagination as we think about how our brains would take in the magic of the cosmos.

Our main focus for this task is on metaphorical and visual language. How can we really bring those magical, mysterious surroundings to life for our reader? Students will personify the planets, exploring their experience through their senses and referring back to their VR experience. We will review all that we have seen and explored through this film and express the beauty of the universe in poetic form.

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied
 - summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
 - identifying how language, structure and presentation contribute to meaning
- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing

GPS: revision of key terms covered throughout the year.

Reading Tree:

Reading Domain: This week we will revise our strategies for answering three mark questions. How can we be sure we have understood what the question is asking for? How is best to approach these trickier questions? Can you count two examples, one with evidence?

Maths in the Movies / STEAM:

Maths:

This week we will continue our work on fractions, decimals and percentages. We will practise strategies to order them, and convert to percentages with increasing fluency. We will use the planets as our context for this. Which planet has the highest percentage of their surface covered by water?

STEAM:

Next week, alongside our DC work, we will be exploring some of the big influences on the research involving evolution. This week, we will finish our work on learning the theories of evolution by identifying scientific evidence that has been used to support or refute ideas or arguments. We will recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago in the context of the evolution of human beings.

Arithmetic: During our arithmetic lessons this half term, we will be consolidating some of the trickier number and fractions topics we have covered over the course of the half term. In short quizzes, called 'fluent in five' we will practise the four operations and in our longer arithmetic sessions, the four operations with fractions.

Photography: This week we will take photos using light and shadows.

Art display: We will update our photography display to show the beauty of our environment.

- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- suggest ways of improving own work
- comment on works of art
- choose materials and techniques which are appropriate for their task
- talk about works of art, giving reasons for their opinions
- communicate through visual and tactile forms
- Be able to suggest ways of improving own work
- Be able to comment on works of art
- Be able to choose materials and techniques which are appropriate for their task
- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Friday 17th March

Learning Experiences

Skills:

- use running, jumping, throwing and catching in isolation and in combination

Friday Big Write: Our ship of the imagination continues its journey as it visits the different planets in our solar system.

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach Maths problems in different ways, covering strategies for logical problem solving. This week, students will explore ordering fractions, decimals and percentages.

PE/ Sports: (Activities, key skills / techniques)

Yoga - This week is all about strength. We will discuss how to use our strength to hold the yoga pose and which muscles they will be targeting.

Hockey - We will be learning how to tackle and defend this week. We will be going over the technique to stop the ball with the stick in order to stop the ball. We will then play a game with 2 students passing the ball and a defender in the middle.

- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs

WEEK 5 THEME/ Hook: Exploring the Limits of the Galaxy DC4

Monday 20th March - Wednesday 22nd March

Learning Experiences/Context of the film:

This week, Y6 students will continue on their learning journey, a journey they have built carefully through their time in KS2 at Greenside. By taking on their final DC week before their KS2 tests, Y6 have the chance to sparkle and demonstrate all of their wonderful learning, identifying gaps and reflecting on marvellous mistakes. We will be using our world ready skills this week, as we find the organisation and the resilience to complete the tasks, and reflect upon the progress that has been made throughout the year so far. We will also, as always, work as a team to support one another.

What strategies will help us to succeed? What is more important - talent or hard work? How can you prepare for something important? What makes you, you? What other skills and talents do you have that are not measured in tests?

Immersion experience:

Along with our work on the most influential figures in the theory of evolution, we will also have an immersive Maths carousel, recapping and revising all of the key concepts we will need to approach the papers.

English:

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding

This week our main English focus will be on our DC papers and on the completion of our poetry.

Writing Experience:

We will complete our poems this week, considering the effectiveness of the language we have used and the image that we have created of the wonderful world we live in. We will publish our poems to reflect the beauty in what we have discovered – the cosmos, planets, different galaxies, stars, thinking big, living things etc. These poems will then be performed at our own recital.

GPS: This week, students will take their GPS SATs test.

Reading Tree:

Reading Domain: Our reading paper will make up our reading tree for this week, where students will use all they have learnt to answer a variety of questions on a range of texts.

Maths in the Movies / STEAM:

Maths:

Early in the week, we will continue to revise and prepare for our tests. We will discuss our 'Leap into Logic' techniques, and recap on strategies for approaching tricky challenges. After revising the key concepts covered so far this term, students will complete their arithmetic and reasoning papers. There were many successes during the DC3 assessments so students will be full of confidence this week.

STEAM:

Our film showcases big thinkers and scientists throughout history in interesting ways. In between our data capture work, students will research different thinkers highlighted in the film e.g. Copernicus, Giordano Bruno, Mary Anning, and produce a short film presenting their research. This can be in the form of an animation, iMovie or Adobe voice.

Arithmetic: Of course, it is our test week and so this week's arithmetic will be our arithmetic paper. Y6 have made such incredible progress this year in all areas but particularly in their arithmetic challenges and so we cannot wait to see how they approach these tests- test ready and world ready as they are.

- drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- predicting what might happen from details stated and implied
- summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- identifying how language, structure and presentation contribute to meaning
- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing
- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
- ensure the consistent and correct use of tense throughout a piece of writing
- suggest ways of improving own work
- comment on works of art
- choose materials and techniques which are appropriate for their task
- talk about works of art, giving reasons for their opinions
- communicate through visual and tactile forms
- Be able to suggest ways of improving own work
- Be able to comment on works of art
- Be able to choose materials and techniques which are appropriate for their task
- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

Friday 24th March

Learning Experiences

Friday Big Write: The penultimate stop for our ship of the imagination will be to explore the evolution of living things. Drawing on our knowledge of the evolution of bears, we will travel back in time to the moment when the species split and compare bears then to now.

Skills:

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic
- principles suitable for attacking and defending

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach Maths problems in different ways, covering strategies for logical problem solving. This week, students will reflect on their most recent DC.

PE/ Sports: (Activities, key skills / techniques)

Yoga- We will be making our own yoga routine. Students will practise their own poses and decide which ones they want to work on to include into their routine.

Hockey - This week we will recap the rules to a hockey game. and students will be put into small groups to take part in some mini games.

- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own
- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs

WEEK 6 THEME/ Hook: Future Discoveries

Monday 27th March - Wednesday 29th March

Learning Experiences/Context of the film:

We have looked at a range of important figures in the theory of evolution, and this week we will all come together again to look at Charles Darwin. Was getting people to listen easy? How does someone encourage others to listen when they are coming up with future discoveries?

Immersion experience:

We will engage in a fun, interactive activity looking at how finches in the Galapagos Islands have become adapted to suit the different environments in which they live. We will look at an information sheet about the finches and questions to answer based on the sheet. It also contains pictures of six birds from around the world to research in order to identify their habitats, food sources and how their beaks are suited to their particular diet. This will take us outside to see the kinds of birds landing in our own greenside gardens.

English:

Writing Experience:

We have honed our scientific writing skills this half term, so in our final week we will bring together our reading and writing skills to write a short and engaging fact file about Charles Darwin. Again, we will do this for the audience of younger viewers, aiming to have these completed and ready to present to our reception book buddies on Wednesday!

Skills:

Independence	Organisation	Resilience	Reflection	Team Work
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Reading Tree Skills: (Ongoing selection through the half term)

- continuing to read and discuss an increasingly wide range of books
- reading books that are structured in different ways and reading for a range of purposes
- increasing their familiarity with a wide range of books
- recommending books that they have read to their peers, giving reasons for their choices
- identifying and discussing themes and conventions in and across a wide range of writing
- making comparisons within and across books
- learning a wider range of poetry by heart
- preparing poems and plays to read aloud and to perform, showing understanding through intonation, tone and volume so that the meaning is clear to an audience
- understand what they read by:
 - checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
 - asking questions to improve their understanding
 - drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
 - predicting what might happen from details stated and implied

GPS: In our final week, we will look back over our DC papers, noting any gaps and marking through in a purple pen.

Reading Tree: To create our fact files, we will read the information that we need to use in various different formats and sources.

Maths in the Movies / STEAM:

Maths:

This week we will focus on rounding decimal numbers, talking about the importance of estimating when making scientific discoveries. We will also calculate with decimals, using our leap into logic skills to ensure we make an educated guess before calculating.

STEAM:

Our galapagos birds experiment will make up our STEAM learning this week.

Arithmetic: During our arithmetic lessons this half term, we will be consolidating some of the trickier number and fractions topics we have covered over the course of the half term. In short quizzes, called 'fluent in five' we will practise the four operations and in our longer arithmetic sessions, the four operations with fractions.

Photography: We will explore the beauty of the class in our fill the frame photography session! To celebrate another half term full of hard work, our students will be the focus of these fun photographs.

- summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- identifying how language, structure and presentation contribute to meaning
- select appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- assess the effectiveness of their own and others' writing
- propose changes to vocabulary, grammar and punctuation to enhance effects and clarify meaning
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- Be able to talk about works of art, giving reasons for their opinions
- Be able to communicate through visual and tactile forms
- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

Friday 31st March

Learning Experiences

Friday Big Write: Our final journey on the ship of the imagination takes us to our present world. We will describe all the beauty we find in both the natural and the man made world.

Messy Maths: Each week in messy Maths, students will have the opportunity to deepen their understanding of topics covered in class, using a range of challenging reasoning problems. These sessions are critical in helping students to approach

Skills:

- use running, jumping, throwing and catching in isolation and in combination
- play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic
- principles suitable for attacking and defending
- recall and use equivalences between simple fractions, decimals and percentages, including in different contexts
- identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own

Maths problems in different ways, covering strategies for logical problem solving. This week, students will explore rounding and calculating with decimals.

PE/ Sports: (Activities, key skills / techniques)

Yoga - This week we will perform our yoga routines to the group. Each group will follow the instructions of those performing.

Hockey - This week we will be taking part in games. We will put our skills to the test in order to take part in a big group hockey match.

- noting and developing initial ideas, drawing on reading and research where necessary
- in writing narratives, considering how authors have developed characters and settings in what students have read, listened to or seen performed
- selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning in narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action using a wide range of devices to build cohesion within and across paragraphs