

Year 5 Remote Learning Plan Autumn 1

Week 1
beginning
6th
Sept

Reading

Please read for 30 minutes a day. Write a comment about your book in your reading record each day.

If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.

Accelerated Reader:

<https://ukhosted1.renlearn.co.uk/2237395>

Reading comprehension - please complete the reading comprehension on

Writing - Grammar

Lesson 1

Lesson 2

Lesson 3

Maths

Lesson 1

Log on to Oak Academy Website (link below)

Identifying the place value of digits in a number

<https://classroom.thenational.academy/lessons/identifying-the-place-value-of-digits-in-5-digit-numbers-cgwkct>

In this lesson, we will be representing 5-digit numbers pictorially and identifying the value of each digit within these numbers.

Lesson 2

Log on to Oak Academy Website (link below)

Comparing numbers

<https://classroom.thenational.academy/lessons/comparing-5-digit-numbers-cnkh6c>

In this lesson, we will be learning how to compare and order 5-digit numbers using number lines and place value charts.

Lesson 3

Log on to Oak Academy Website (link below)

Investigating Roman Numerals

<https://classroom.thenational.academy/lessons/investigating-roman-numerals-up-to-100-6guk8c>

In this lesson, we will be identifying the way to write the corresponding Roman numerals for values between 1 and 100.

Science - Forces

Log on to Oak Academy Website (link below)

[What are forces? \(thenational.academy\)](https://classroom.thenational.academy/lessons/what-are-forces-6guk8c)

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| | <p>In this lesson, we will learn what forces are. We will also learn about contact forces and non-contact forces. Finally, we will test our knowledge with some application questions.</p> <p>Geography - Greece On a piece of paper, write down everything you already know about Greece. What questions would you like to ask about Greece? What would you like to find out? Write those questions on the same piece of paper.</p> <p>Computing</p> <p>Art and Design and Technology - Ancient Greek Pottery Over the next few weeks you will create a fact file about Ancient Greek Pottery. This can be done as a power point, a word document or on paper. For this week, create a front page with an eye-catching heading and picture of different pots,</p> <p>PSHE - All Around Me Log on to Oak Academy Website (link below) Community Care (thenational.academy) In today's lesson, you will understand what a community is, explore the different types of communities (place, interest, action and practice) and consider the benefits of being a part of one.</p> <p>PE - Gymnastics Log on to Oak Academy Website (link below) Developing gymnastics sequences with control (thenational.academy) In this lesson, we will refresh our understanding of a number of balances and different types of locomotion and think about how we can construct complex sequences. We will also consider how we can exercise safely in our home environment.</p> |
| <p>Week 2 beginning 13th Sept</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day. If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you. Accelerated Reader: https://ukhosted1.renlearn.co.uk/2237395 Reading comprehension - please complete the reading comprehension</p> <p>Writing - Grammar</p> |

Lesson 1

Lesson 2

Lesson 3

Maths

Lesson 1

Log on to Oak Academy Website (link below)

Rounding to the nearest 100, 1000, 10 000

<https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-100-1000-and-10-000-6hgk2d>

In this lesson, we will be using number lines to round 5-digit numbers to the nearest multiple of 100, 1000 and 10 000. We will also investigate rounding in the context of word problems.

Lesson 2

Log on to Oak Academy Website (link below)

Rounding to the nearest 1000 and 10 000

<https://classroom.thenational.academy/lessons/rounding-5-digit-numbers-to-the-nearest-10-000-and-1000-chgk2r>

In this lesson, we will be using number lines to round 5-digit numbers to the nearest multiple of 10 000 and the nearest multiple of 1000.

Lesson 3

Log on to Oak Academy Website (link below)

Solving problems involving rounding.

<https://classroom.thenational.academy/lessons/solving-problems-involving-rounding-74ukac>

Science - Forces

Log on to Oak Academy Website (link below)

[How can we measure the size of forces? \(thenational.academy\)](#)

In this lesson, we will learn how we can measure the size of forces, particularly how we can measure weight. We will learn about Isaac Newton and his contribution to our knowledge of forces as well as Newtons as a unit of measurement. We will also investigate how to use a Newton meter to measure forces.

Geography - Greece

This week you will need to research into these Greek islands - Crete, Cos, Mykonos, Skopelos, Rhodes and mainland Greece. Now put these islands in order of size. Next find the population of each island. Finally, create a table showing this information.

Computing

Art and Design and Technology

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| | <p>This week research into how and why Ancient Greek pottery was made. Who made the pots?</p> <p>Add this information to your fact file. Remember to include pictures, diagrams and labels if you can.</p> <hr/> <p>PE - Gymnastics Log on to Oak Academy Website (link below) Creating sequences using a range of compositional techniques (thenational.academy)</p> <p>In this lesson, we will learn how to use a range of compositional techniques to enhance our sequences. We will learn to link these with a series of balances. We will also think about the effect of exercise on our body: speed, strength, cardiovascular fitness and flexibility.</p> <hr/> <p>PSHE - All Around Me Log on to Oak Academy Website (link below) I roll with my role (thenational.academy)</p> <p>In this lesson, you will explore the roles and responsibilities that you, as a citizen, have in your community. You will then create a video that outlines your role, alongside the main responsibilities you have.</p> |
| <p>Week 3 beginning 20th Sept</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day.</p> <p>If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.</p> <p>Accelerated Reader: https://ukhosted1.renlearn.co.uk/2237395</p> <hr/> <p>Reading comprehension - please complete the reading comprehension on</p> <hr/> <p>Writing - Grammar Lesson 1 Lesson 2 Lesson 3</p> <hr/> <p>Maths Lesson 1 Log on to Oak Academy Website (link below) Using and explaining addition strategies.</p> |

<https://classroom.thenational.academy/lessons/using-and-explaining-addition-strategies-60t6ce>

In this lesson, we will be learning how to use different addition strategies (e.g. partitioning, commutativity and rounding and adjusting) in order to solve magic squares.

Lesson 2

Log on to Oak Academy Website (link below)

[Using and explaining addition and subtraction strategies.](#)

<https://classroom.thenational.academy/lessons/using-and-explaining-addition-and-subtraction-strategies-6hk38c>

In this lesson, we will be learning how to use the most efficient addition and subtraction strategies. We will apply this knowledge to solving addition pyramids.

Lesson 3

Log on to Oak Academy Website (link below)

[Adding and subtracting using multiples.](#)

<https://classroom.thenational.academy/lessons/adding-and-subtracting-using-multiples-of-10-100-1000-10-000-and-100-000-60upcc>

In this lesson, we will learn how to use the 'derived facts' and 'make 10' strategies to solve equations involving multiples of 10, 100, 1000, 10 000 and 100 000.

Science - Forces

Log on to Oak Academy Website (link below)

[What are contact forces? \(thenational.academy\)](#)

In this lesson, we will learn about contact forces. We will discuss air and water resistance and examine what balance and unbalanced forces are. We will also investigate friction. Based on our investigation we will make conclusions about the causes and characteristics of friction.

Geography - Greece

This week you will continue to research into the Greek islands. Using the same islands from last week, what is similar between the islands and what is different? These similarities and differences can include both physical and human features. (research into what these are if you are unsure). Write a paragraph or two to describe what you have noticed / found.

Computing

Art and Design and Technology

This week, add a page about what the different pots were used for.

PE - Gymnastics

Log on to Oak Academy Website (link below)

[Creating a sequence using rhythmic awareness \(thenational.academy\)](#)

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| | <p>In this lesson, we will explore how to create a sequence using rhythmic awareness. We will consider how effective nutrition and hydration can have an impact on our body during exercise.</p> <p>PSHE - All Around Me Log on to Oak Academy Website (link below) We are a jigsaw (thenational.academy) In today's lesson, you will be able to recognise the different groups that make up and contribute to a community.</p> |
| <p>Week 4 beginning 27th Sept</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day.</p> <p>If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.</p> <p>Accelerated Reader: https://ukhosted1.renlearn.co.uk/2237395</p> <p>Reading comprehension - please complete the reading comprehension on</p> <hr/> <p>Writing Grammar Lesson 1</p> <p>Lesson 2</p> <p>Lesson 3</p> <hr/> <p>Maths Lesson 1 Log on to Oak Academy Website (link below) <u>Adding and subtracting using rounding and adjusting.</u> https://classroom.thenational.academy/lessons/adding-and-subtracting-using-the-round-and-adjust-strategy-chk64e In this lesson, we will learn how to use the 'round and adjust' strategy to solve addition and subtraction equations.</p> <p>Lesson 2 Log on to Oak Academy Website (link below) <u>Adding and subtracting using partitioning.</u> https://classroom.thenational.academy/lessons/adding-and-subtracting-using-partitioning-61h3cd</p> |

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| | <p>In this lesson, we will use partitioning to add and subtract large integers, both where regrouping is required and where it is not needed.</p> <p>Lesson 3 Log on to Oak Academy Website (link below) <u>Rounding to estimate.</u> https://classroom.thenational.academy/lessons/rounding-to-estimate-ccr62d</p> <p>In this lesson, we will apply our understanding of rounding to the nearest multiples of 10 000 and 1000 to estimate the answer to addition equations.</p> <hr/> <p>Science - Forces Log on to Oak Academy Website (link below) <u>What are non-contact forces? (thenational.academy)</u></p> <p>In this lesson, we will recap the definition of non-contact forces. We will also investigate gravity and gravitational force and learn about Galileo by completing an investigation. Finally, we will learn about magnetic force, including some uses for magnets.</p> <hr/> <p>Geography - Greece Greece and its islands are very popular because of the beautiful beaches. Use Google Earth or pictures of the Greek beaches. Write a paragraph to explain why you think they are popular.</p> <hr/> <p>Computing</p> <hr/> <p>Art and Design and Technology - Ancient Greek Pottery Now look at the different pictures that were painted on the pots. What can we learn from the picture? What can you find out about life in Ancient Greece? Add this information to your fact file.</p> <hr/> <p>PSHE - All Around Me Log on to Oak Academy Website (link below) <u>Help is on hand (thenational.academy)</u></p> <p>In this lesson, you will be able to identify the people who help the local community. You will write a letter thanking them for their help.</p> <hr/> <p>PE - Gymnastics Log on to Oak Academy Website (link below) <u>Performing a complex sequence with fluency and control (thenational.academy)</u></p> <p>In this lesson, we will develop our gymnastics knowledge by considering how we can perform our sequences with control, accuracy and fluency. We will also consider what impact regular gymnastics can have upon our mood and mindset.</p> |
| <p>Week 5 beginning 4th Oct</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day.</p> |

If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.

Accelerated Reader:

<https://ukhosted1.renlearn.co.uk/2237395>

Reading comprehension - please complete the reading comprehension on

Writing - Grammar

Lesson 1

Lesson 2

Lesson 3

Maths

Lesson 1

Log on to Oak Academy Website (link below)

Adding using the column method.

<https://classroom.thenational.academy/lessons/adding-using-the-column-method-6wt64c>

In this lesson, we will learn how to use the column method in order to solve addition equations.

Lesson 2

Log on to Oak Academy Website (link below)

Subtracting using the column method.

<https://classroom.thenational.academy/lessons/subtracting-using-the-column-method-6xj32d>

In this lesson, we will learn how to use the column method in order to solve subtraction equations. We will also learn how to represent equations using bar modelling.

Lesson 3

Log on to Oak Academy Website (link below)

Problem solving using the column method.

<https://classroom.thenational.academy/lessons/problem-solving-using-the-column-method-c8up6c>

In this lesson, we will learn how to apply our understanding of the column method to finding and fixing errors and completing unfinished column method calculations

Science - Forces

Log on to Oak Academy Website (link below)

[Which factors affect an object's ability to float? \(thenational.academy\)](#)

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| | <p>In this lesson, we will be discussing upthrust (or buoyancy) in more detail. We will discuss what density is and how it affects floating. We will also discuss the link between weight and upthrust. Finally, we will make some predictions which we will test.</p> |
| | <p>Geography - Greece Erosion is happening to all of the islands of Greece. What is erosion? How does it affect the islands? Write a description, using pictures to help, explain erosion, the different stages of erosion and what can be done to slow it down.</p> |
| | <p>Computing</p> |
| | <p>Art and Design and Technology - Ancient Greek Pottery This week sketch your own pot and draw a design on it. Remember your design must show what life was like in Ancient Greece.</p> |
| | <p>PSHE - All Around Me Log on to Oak Academy Website (link below) The Mayor Making ceremony (thenational.academy) In today's lesson, you will understand the need for rules and laws in society and you will deliver a speech to the people in your town.</p> |
| | <p>PE - Co-ordination when passing and receiving Log on to Oak Academy Website (link below) How do I safely orientate and control my body position when passing and receiving? (thenational.academy) In this lesson, we will learn to work safely and how to control our body position so we are ready and orientated for passing and receiving.</p> |
| <p>Week 6 beginning 11th Oct</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day.</p> <p>If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.</p> <p>Accelerated Reader: https://ukhosted1.renlearn.co.uk/2237395</p> <p>Reading comprehension - please complete the reading comprehension on</p> <hr/> <p>Writing - Grammar Lesson 1 Lesson 2</p> |

Lesson 3

Maths

Lesson 1

Log on to Oak Academy Website (link below)

[Multiples and factors.](#)

<https://classroom.thenational.academy/lessons/multiples-and-factors-6gr32d>

In this lesson, we will refamiliarise ourselves with the concepts of multiples and factors. We will use the language of factors and multiples by giving examples, describing rectangular arrays and defining the terms. We will then model how to solve missing number puzzles requiring understanding of the language before letting you have a go independently.

Lesson 2

Log on to Oak Academy Website (link below)

[Factor pairs.](#)

<https://classroom.thenational.academy/lessons/factor-pairs-61k3cd>

In this lesson, we will be learning how to work systematically to identify the correct number of factors and factor pairs for given numbers, using the notion of factor bugs to help us. We will then develop our learning further by proving that square numbers have an odd number of factors.

Lesson 3

Log on to Oak Academy Website (link below)

[Multiplying and dividing by 10, 100 and 1000.](#)

<https://classroom.thenational.academy/lessons/multiplying-and-dividing-by-10-100-1000-64t68e>

In this lesson, we will be required to explain and demonstrate the process of multiplication and division by 10, 100 and 1000 using different visual representations. This understanding will then enable us to derive facts from known multiplication facts which we can represent and explain. The expectation is that by the end of this lesson we will be confidently able to explain and demonstrate how to multiply and divide by 10, 100 and 1000.

Science - Forces

Log on to Oak Academy Website (link below)

[What impact do gears, levers and pulleys have on forces? \(thenational.academy\)](#)

In this lesson, we will first aim to understand the purpose of simple machines. We will then focus on gears, levers and pulleys to find out how they work and how they can be useful. We will also

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| | <p>complete some questions throughout the lesson which will help us check our understanding.</p> <p>Geography - Greece Deposition is happening to all of the islands of Greece. What is deposition? How does it affect the islands? Write a description, using pictures to help, explain deposition and the different ways of controlling it.</p> <p>Computing</p> <p>Art and Design and Technology Over the next two weeks, make and paint your own pot. This can be made with clay, or with materials collected from around the house. How creative can you be?</p> <p>PSHE - All Around Me Log on to Oak Academy Website (link below) I have a dream (thenational.academy) In today's lesson, you will identify what human rights are and how they protect people. By the end of the lesson, you will understand the rights that we have as human beings. You will create a poster demonstrating human rights and what they are.</p> <p>P.E. - Agility, balance and co-ordination Log on to Oak Academy Website (link below) How do I develop agility, balance and coordination for consistency, fluency and precision? (thenational.academy) In this lesson we will learn more about the ABCs underpinning all movement, how they complement each other and how with practise we can develop consistency, fluency and precision.</p> |
| <p>Week 7 beginning 18th Oct</p> | <p>Reading Please read for 30 minutes a day. Write a comment about your book in your reading record each day.</p> <p>If you have finished your reading book please complete a quiz on it using the link below. Username and password is the same as when we login at school. If you are unsure of what this is, please message on Dojo and I can find it for you.</p> <p>Accelerated Reader: https://ukhosted1.renlearn.co.uk/2237395</p> <p>Reading comprehension - please complete the reading comprehension on</p> <p>Writing - Grammar Lesson 1 Lesson 2</p> |

Lesson 3

Maths

Lesson 1

Log on to Oak Academy Website (link below)

What is a fraction?

<https://classroom.thenational.academy/lessons/what-is-a-fraction-7Orkjc>

In this lesson, we will explore the parts of a fraction and the different ways they can be used.

Lesson 2

Log on to Oak Academy Website (link below)

Fractions of quantities part 1

<https://classroom.thenational.academy/lessons/fractions-of-quantities-1-6wuk6r>

In this lesson, we will learn how to find fractions of a quantity and link this to division.

Lesson 3

Log on to Oak Academy Website (link below)

Fractions of quantities part 2

<https://classroom.thenational.academy/lessons/fractions-of-quantities-part-2-cmt36t>

In this lesson, we will learn how to find fractions of measurements and in different contexts.

Science - Forces

Air Resistance

Watch the video below and design your own parachute.

[Design a Parachute - Activity - TeachEngineering](#)

Geography - Greece

Look at tourism in Greece. Create a poster / leaflet to encourage and persuade people to holiday in Greece.

Think about what you and your family would want to do on holiday.

What would you want to do during the days and evenings? Think about attractions and food as well as places to visit.

Computing

Art and Design and Technology

Use this final week to complete your pot. Take a picture of it to add to your fact file.

PSHE - All Around Me

Log on to Oak Academy Website (link below)

[I have rights \(thenational.academy\)](#)

In this lesson, you will be able to identify basic human rights, including the rights of children. You will write a letter to the United

Nations pleading with them to ensure that all children are given the right to an education.

P.E - Positive attitudes and learning behaviours

Log on to Oak Academy Website (link below)

[How do I develop positive attitudes and learning behaviours when passing and catching? \(thenational.academy\)](https://www.thenational.academy/learning-behaviours/positive-attitudes-and-learning-behaviours)

In this lesson we will learn about how attitudes and learning behaviours can be improved, how to change direction (feint) and how we can be responsible for changing the direction of our learning behaviours.