

Remote Learning Timetable – Spring Term 2022



YEAR 5

Week Commencing	Subject	Topic	Link to Oak Academy
10 th January	Maths	Measure	<p>2D shapes (Measure: area & perimeter) Lesson 1 To measure and calculate perimeter https://classroom.thenational.academy/lessons/calculate-and-measure-perimeter-crv36r</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Understanding Simple, Compound and Complex Sentences: Activity 1 https://www.bbc.co.uk/bitesize/articles/z4m8r2p
	Science	Earth & Space	<p><u>What is the Earth?</u> https://www.bbc.co.uk/bitesize/topics/zwccwmn/articles/zqbx82</p> <p>Space Lesson 1 Solar and lunar eclipses https://classroom.thenational.academy/lessons/what-are-solar-and-lunar-eclipses-6nh3et</p>
17 th January	Maths	Measure	<p>2D shapes (Measure: area & perimeter) Lesson 2 To calculate the area of rectangles https://classroom.thenational.academy/lessons/calculate-the-area-of-rectangles-cgupcc</p> <p>Lesson 3 To calculate the area of rectilinear shapes https://classroom.thenational.academy/lessons/calculate-the-area-of-rectilinear-shapes-6mr3ar</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Understanding Simple, Compound and Complex Sentences: Activity 2 https://www.bbc.co.uk/bitesize/articles/z4m8r2p
	Science	Earth & Space	<p><u>What is the solar system?</u> https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/ztsqj6f</p> <p>Space Lesson 2 The solar system https://classroom.thenational.academy/lessons/what-is-the-solar-system-c5jk6r</p>
24 th January	Maths	Multiplication & Division	<p>Multiplication & Division (3) Lesson 9 Short multiplication https://classroom.thenational.academy/lessons/short-multiplication-c8v64c</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Understanding Simple, Compound and Complex Sentences: Activity 3 https://www.bbc.co.uk/bitesize/articles/z4m8r2p
	Science		<p>Space Lesson 3 How do planets in the solar system differ?</p>

			https://classroom.thenational.academy/lessons/how-do-the-planets-in-the-solar-system-differ-69k6ar
31 st January	Maths	Multiplication & Division	Multiplication & Division (3) <u>Lesson 10</u> Long multiplication https://classroom.thenational.academy/lessons/long-multiplication-68u38t
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Understanding Simple, Compound and Complex Sentences: Activity 4 https://www.bbc.co.uk/bitesize/articles/z4m8r2p
	Science	Earth & Space	<u>What is the sun?</u> https://www.bbc.co.uk/bitesize/topics/zdrrd2p/articles/zqn7y4j
7 th February	Maths	Multiplication & Division	Multiplication & Division (3) <u>Lesson 13</u> Short division https://classroom.thenational.academy/lessons/short-division-6gt64d <u>Lesson 14</u> Division with remainders https://classroom.thenational.academy/lessons/division-with-remainders-ccwk6r
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Oak Academy To explore simple and complex sentences https://classroom.thenational.academy/lessons/to-explore-simple-and-compound-sentences-74tp8t
	Science	Earth & Space	Space <u>Lesson 4</u> What are stars and star constellations? https://classroom.thenational.academy/lessons/what-are-stars-and-star-constellations-chjp6c
14 th February	Maths	Fractions	Fractions (2) <u>Lesson 3</u> Recognising equivalent fractions https://classroom.thenational.academy/lessons/recognising-equivalent-fractions-6rrkjr Fractions (2) <u>Lesson 4</u> Recognising equivalent fractions (2) https://classroom.thenational.academy/lessons/recognising-equivalent-fractions-2-75gkcr Fractions (2) <u>Lesson 6</u> Equivalent fractions https://classroom.thenational.academy/lessons/equivalent-fractions-68rk2d
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Oak Academy To explore complex sentences https://classroom.thenational.academy/lessons/to-explore-complex-sentences-65j30c
	Science	Earth & Space	Space <u>Lesson 6</u> What do astronomers do?

			https://classroom.thenational.academy/lessons/what-do-astronomers-do-cnh3ac
28 th February	Maths	Fractions	<p>Fractions <u>Lesson 9</u> Comparing fractions with the same denominator https://classroom.thenational.academy/lessons/comparing-fractions-with-the-same-denominator-c4vkar</p> <p>Fractions <u>Lesson 10</u> Compare and order unit fractions https://classroom.thenational.academy/lessons/compare-and-order-unit-fractions-68u34e</p> <p>Fractions (2) <u>Lesson 8</u> Comparing fractions https://classroom.thenational.academy/lessons/comparing-fractions-6rr68e</p> <p>Fractions (2) <u>Lesson 9</u> Ordering fractions https://classroom.thenational.academy/lessons/ordering-fractions-cct38r</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	<p>Oak Academy To explore relative clauses https://classroom.thenational.academy/lessons/to-explore-relative-clauses-65k30c</p>
	Science	Humans & Animals	<p><u>How do humans change during their lifetime?</u> https://www.bbc.co.uk/bitesize/topics/zgssgk7/articles/z2msv4j Create your own timeline for the human body by using photographs from your family members to show how the body changes over time.</p>
7 th March	Maths		<p>Fractions (2) <u>Lesson 10</u> Using mixed numbers https://classroom.thenational.academy/lessons/using-mixed-numbers-61hkad</p> <p>Fractions (2) <u>Lesson 11</u> Using improper fractions https://classroom.thenational.academy/lessons/using-improper-fractions-6ru62c</p> <p>Fractions (2) <u>Lesson 12</u> Converting mixed numbers into improper fractions https://classroom.thenational.academy/lessons/converting-mixed-numbers-into-improper-fractions-60rket</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	<p>Oak Academy To explore fronted adverbials https://classroom.thenational.academy/lessons/to-explore-fronted-adverbials-71h64t</p>
	Science	Humans & Animals	<p>Gestation periods https://www.outstandingscience.co.uk/index.php?action=view_page&page=view_unit&unit=5b#OS5B002 Download the free resource and compare the gestation periods of different animals by creating a bar chart from the information provided.</p>
14 th March	Maths	Fractions	<p>Fractions (2) <u>Lesson 13</u> Adding fractions (up to one whole)</p>

			https://classroom.thenational.academy/lessons/adding-fractions-up-to-one-whole-6nj62r Fractions (2) <u>Lesson 14</u> Subtracting fractions https://classroom.thenational.academy/lessons/subtracting-fractions-6tgpdc Fractions (2) <u>Lesson 15</u> Adding fractions (with a total greater than one) https://classroom.thenational.academy/lessons/adding-fractions-with-a-total-greater-than-one-cgw66c Fractions (2) <u>Lesson 15</u> Subtracting (2) https://classroom.thenational.academy/lessons/subtracting-fractions-2-71k34d
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Oak Academy To explore non-finite subordinate clauses https://classroom.thenational.academy/lessons/to-explore-non-finite-subordinate-clauses-crtkgr
	Science	Humans & Animals	Growth of babies. See data sheet attached. Draw line graphs show how the height and mass of a baby changes over time (different coloured lines for length and mass). Write a conclusion about the differences and similarities of how the length and mass of a baby changes over time. Choose to do a boy or girl or do both and compare.
21 st March	Maths	Fractions	Fractions (3) <u>Lesson 8</u> Add fractions (different denominators) https://classroom.thenational.academy/lessons/add-fractions-cnk3ar
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Oak Academy To explore the four types of sentences https://classroom.thenational.academy/lessons/to-explore-the-four-types-of-sentence-statement-command-exclamation-and-question-c9jked
	Science	Humans & Animals	How the human body grows https://www.bbc.co.uk/teach/class-clips-video/science-ks2-how-the-human-body-grows/zd7rkmn Draw a self-portrait and label how the bones, skin, hair and body mass will change over time.
28 th March	Maths	Fractions	Fractions (3) <u>Lesson 9</u> Subtract fractions (different denominators) https://classroom.thenational.academy/lessons/subtract-fractions-6hh66r
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	Oak Academy To explore prepositions https://classroom.thenational.academy/lessons/to-explore-prepositions-6wwkcd

	Science	Humans & Animals	<p>Puberty</p> <p>Learn about the physical and emotional changes the human body goes through during puberty.</p> <p>https://www.bbc.co.uk/iplayer/episode/b0759l4k/operation-ouch-series-4-10-dont-panic-about-puberty-special</p> <p>Parental advice: View video clip beforehand as sexual maturity is discussed.</p>
4 th April	Maths	Fractions	<p>Fractions (2)</p> <p><u>Lesson 7</u></p> <p>Fractions and division</p> <p>https://classroom.thenational.academy/lessons/fractions-and-division-68tp8r</p> <p>Fractions (2)</p> <p><u>Lesson 20</u></p> <p>Reasoning with fractions</p> <p>https://classroom.thenational.academy/lessons/reasoning-with-fractions-c4vkje</p>
	Reading		Independent reading book 15 minutes daily. Change book when required at school.
	SPAG	Complexities in sentences	<p>Oak Academy</p> <p>To explore prepositions further</p> <p>https://classroom.thenational.academy/lessons/to-explore-prepositions-further-68r3cd</p>
	Science	Humans & Animals	<p>Old age</p> <p>Using books and the internet research what happens to the human body in old age and produce a power point slide listing the key facts.</p>

Growth in Height and Weight of Boys and Girls Datasheet

Age	Height		Weight	
	Boys	Girls	Boys	Girls
0 months	52cm	50cm	3.5kg	3.5kg
1 month	54cm	53cm	4.5kg	4.3kg
2 months	58cm	57cm	5.6 kg	5.2kg
3 months	61cm	60cm	6.4kg	5.6kg
4 months	64cm	63cm	6.8kg	6.4kg
5 months	66cm	64cm	7.4kg	6.9kg
6 months	68cm	66cm	7.9kg	7.3kg
7 months	69cm	67cm	8.3kg	7.6kg
8 months	71cm	69cm	8.6kg	7.9kg
9 months	72cm	70cm	8.9kg	8.2kg
10 months	73cm	71cm	9.2kg	8.5kg
11 months	74cm	72cm	9.4kg	8.7kg
12 months	76cm	74cm	9.6kg	9kg