



St John's Catholic Primary School- Learning at home planning

Year 6

Planner 4

Weekly Maths Tasks (Aim to do 1 per day)

Weekly Reading Tasks (Aim to do 1 per day)

Week 1

Daily Arithmetic

Monday – Subtraction

<https://myminimaths.co.uk/arithmetic-16-practice-question-11/>

Tuesday – Adding and subtracting fractions including mixed numbers

<https://myminimaths.co.uk/arithmetic-16-practice-question-12/>

Wednesday – Missing Boxes

<https://myminimaths.co.uk/arithmetic-16-practice-question-13/>

Thursday – BODMAS

<https://myminimaths.co.uk/arithmetic-16-practice-question-14/>

Friday – Multiplying Fractions

<https://myminimaths.co.uk/arithmetic-16-practice-question-15/>

Algebra

Using this link below

<https://whiterosemaths.com/homelearning/year-6/>

Select **Week 8 (w/c 15th June)** and watch the daily tutorial videos which focus on the topic **Algebra**. Follow the instructions on each video as you watch them.

Factors

- Click on the link below and watch the video clip to recap on factors. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/zp6wfcw>

- Complete factor beetles or rainbows for the following numbers: 36, 48, 24, 40

Prime Numbers

- Click on the link below and watch the video clip to recap on prime numbers. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/zfq7hyc/articles/z2q26fr>

Reading

Reading Comprehension

Week 1

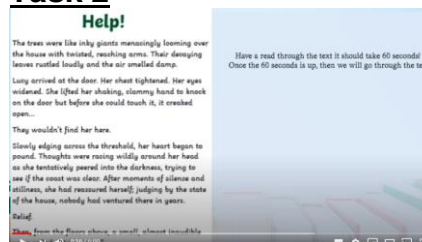
Task 1



<https://fatherreading.wordpress.com/2019/04/27/our-planet-ks2-cutest-baby-animals-comprehension/>

Click on the link and watch the video clip based on baby animals from Our Planet. You will find a link to the questions and answers on this page.

Task 2

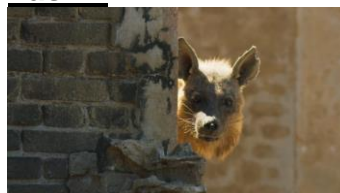


<https://www.youtube.com/watch?v=cL341Sh3F3E>

Click on the link and follow the video. You will read a short text called 'Help' and explore the vocabulary used before answering a selection of questions.

Week 2

Task 1



<https://fatherreading.wordpress.com/2019/12/08/seven-worlds-one-planet-brown-hyena-comprehension/>

Week 2

Daily Arithmetic

Monday – Long Division

<https://myminimaths.co.uk/arithmetic-16-practice-question-16/>

Tuesday – Multiplication using known facts

<https://myminimaths.co.uk/arithmetic-16-practice-question-17/>

Wednesday – Short Division

<https://myminimaths.co.uk/arithmetic-16-practice-question-18/>

Thursday – Dividing with Decimals

<https://myminimaths.co.uk/arithmetic-16-practice-question-19/>

Friday – Multiplying by 10, 100, 1000

<https://myminimaths.co.uk/arithmetic-16-practice-question-20/>

Length and Distance

Imperial Measurement

- Click on the link below and watch the video clip to recap on imperial measurement. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/z4nsgk7/articles/zwbndxs>

- Use a ruler or tape measure to measure some objects in your house. Estimate the length before you measure.

Metric Measurement

- Click on the link below and watch the video clip to recap on metric measurement. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/z4nsgk7/articles/zqf4cwx>

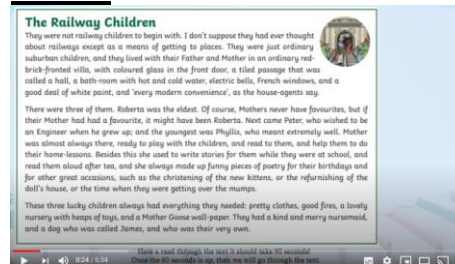
- Copy up the grids below, filling in the missing measurements

cm	millimetres
4cm	
7cm	
25cm	
34cm	
46cm	
	300mm
	40mm

m	cm
3m	
9m	
30m	
21m	
	400cm
	524cm
	737cm

Click on the link and watch the video clip based on Hyena's from Our Planet. You will find a link to the questions and answers on this page.

Task 2



<https://www.youtube.com/watch?v=dBpuioODTss>

Click on the link and follow the video. You will read an extract from the Railway Children. Explore the vocabulary used and then answer a selection of questions.

Daily Reading

Continue to read daily and write in your reading record about what you have read (just like we do in school). You could also orally share what you have read to a family member.

You can browse the FREE eBook library on oxford owl for some reading books:

<https://www.oxfordowl.co.uk/for-home/find-a-book/library-page>

Just-for-fun reading activities:

Why not have a go at some of these suggested fun activities?

<https://www.literacyshedplus.com/en-gb/browse/free-resources/other-resources>

Daily Vocabulary

Each day you can explore a new word. Just like we do in school, think about what the word means, look it up, put it in a sentence, use it in alternative contexts, draw it, act it out and attempt to use your new words in an everyday context.

Week one

Monday's Word: Inequality

Tuesday's Word: Diverse

Wednesday's Word: Privilege

Thursday's Word: Transformation

Friday's Word: Liberation

Weight and Mass

Metric Measurement

- Click on the link below and watch the video clip to recap on metric measurement. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/z9sfr82/articles/zqf4cwx>

Imperial Measurement

- Click on the link below and watch the video clip to recap on imperial measurement. Then complete the quiz to check your knowledge.

<https://www.bbc.co.uk/bitesize/topics/z9sfr82/articles/zwbdxw>

- Copy up the grid below, filling in the missing weight or mass.

kilograms (kg)	Kg and g	grams (g)
1.25kg	1kg 250g	1250g
1.5kg		
	1kg 900g	
0.7kg		
	1kg 750g	
0.24kg		
		380g
		2040g

Challenge –Lengthy Journeys

NRICH

Students Teachers Years Teachers Topics Events Donat

Hide Menu

Problem
Getting Started
Solution

Teachers' Resources

Maths at Home

You may also like

Prompt Cards

These two group activities use mathematical reasoning - one is numerical, one geometric.

Exploring Wild & Wonderful Number Patterns

Lengthy Journeys

Age 7 to 11

Here is a simple map showing the positions of five cities in England:

Leicester Norwich Cambridge Oxford London

<https://nrich.maths.org/6051>

Click on the link and follow the challenge.

Week two


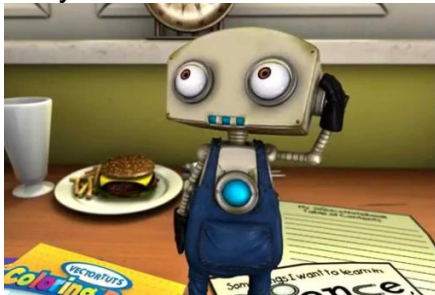
Monday's Word: Eradicate

Tuesday's Word: Supremacy

Wednesday's Word: Innovation

Thursday's Word: Intervene

Friday's Word: Prevalent

Weekly Spelling/Phonics tasks (Aim to do 1 per day)	Weekly Writing tasks (Aim to do 1 per day)
<p>Spelling</p> <p><u>Week 1 – Dropping ‘e’ before adding ‘ing’</u></p> <ul style="list-style-type: none"> • Challenge - Challenging • Escape - Escaping • Excite - Exciting • Include - Including • Move - Moving • Raise - Raising • Wrestle - Wrestling • Amaze - Amazing <p>Practise these words and complete a spelling test. Also, create a sentence for each ‘ing’ word.</p> <p><u>Week 2 – Double consonants to protect short vowels</u></p> <ul style="list-style-type: none"> • Actual – Actually • Careful – Carefully • General – Generally • Gradual – Gradually • Physical – Physically • Normal – Normally • Joyful – Joyfully • Helpful – Helpfully <p>Practise these words and complete a spelling test. Also, create a sentence for each ‘lly’ word.</p> <p>Grammar&Punctuation</p> <p><u>Week 1 – Subjunctive Form</u></p> <p>The subjunctive is a verb form or mood used to express things that could or should happen. It is used to express wishes, hopes, commands, demands or suggestions.</p> <p><i>If I were you I'd accept.</i> <i>I suggested that he face up to the bully.</i> <i>It is vital that she attend the meeting.</i> <i>I wish I were able to fly.</i> <i>I suggest you take a rain coat with you.</i> <i>I demand that they be counted again!</i></p> <ul style="list-style-type: none"> • Watch the video clip below. As the song is playing, identify whether the subjunctive form is being used correctly or incorrectly. <p>https://www.youtube.com/watch?v=Ke9aVTK2x7E</p> <ul style="list-style-type: none"> • Now, create 6 sentences of your own using subjunctive form. <p><u>Week 2 – Possessive Apostrophes</u></p> <p>A possessive apostrophe is used to show that one thing belongs to or is connected to something.</p>	<p><u>Week 1 – The One For All</u></p> <p>https://www.literacyshed.com/beans.html</p> <p>Click on the link and watch the video clip ‘The One For All’.</p>  <p><u>Then complete the following activities:</u></p> <ul style="list-style-type: none"> • <u>Biography</u> - Write Geoff’s biography. Remember that a biography is an account of someone’s life written by someone else. • <u>Dialogue</u> - Write a dialogue between Geoff and his wife at any point of the clip. Remember to use the correct punctuation. • <u>Written advertisement</u> - Create an advert for the new Bean range. Think about including catchy slogans, alliteration and even create a jingle. • <u>Design an advertisement</u> - Design, explain and advertise a new ‘bean can size’ or bean invention. <p><u>Week 2 – Playmate</u></p> <p>https://www.literacyshed.com/playmate.html</p> <p>Click on the link and watch the video clip ‘Playmate’.</p>  <p><u>Then complete the following activities:</u></p> <ul style="list-style-type: none"> • <u>Similarities</u> – The opening quote is attributed to the creator of Toy Story. Can you draw any similarities between Toy Story and Playmate? • <u>Character’s thoughts and emotions</u> – Create a graph to plot the boy’s thoughts and emotions throughout



- Click on the link below and watch the video clip.

<https://www.bbc.co.uk/bitesize/topics/zvwwxnb/articles/zx9ydxs>

- Complete the quiz on the above link to check your knowledge.
- Create 10 sentences using a possessive apostrophe correctly.

different stages of the film. Repeat this activity for the robot.

- **Story writing –** Write a short story about the robot going on his own adventure. Remember to plan your story using the 5 stages of the story mountain (Opening, Build-up, Problem, Resolution, Ending).
- **Reflection –** Write a paragraph to discuss the moral and meaning of the story. Can you reflect on a time when you have experienced something similar?

Handwriting- practice your handwriting as often as you can

Your child would be expected to use continuous cursive letters:

<https://www.teachhandwriting.co.uk/continuous-cursive-beginners-choice-2.html>

Electricity

Recap vocabulary: battery, cell, complete, circuit, current, electrons, filament, fuse, resistor, symbol, variable, alternating and direct current.

Week one – Discovery of electricity

Last week, you started looking at **circuits** and **resistance**. This week, you are going to explore the importance of the major discoveries in electricity.

Follow this interactive link to explore a timeline of the major discoveries in Electricity:

<http://resources.schoolscience.co.uk/britishenergy/14-16/index.htm>



Tasks

- Using the interactive activity, can you draw and label your own timeline of discoveries?
- Can you create fact cards for each discovery and then try and order them?
- Choose 3 scientists who you think made the most significant contributions to the discovery of electricity and explain why?
- Choose 2 of these scientists to research in more detail and complete an information page for each of them.

Exploring electrical appliances over time

Just as there have been advances made in electricity over time, electrical appliances have also changed over time.

Tasks

- Make a list of electrical appliances from A-Z. Can you find one for every letter?
- Discover and research how they have changed over time.
- Look at images of electrical appliances or look at them in person if you have them in your house.
- Choose 10 electrical appliances and research their history. From this, draw the stages that show how the appliance has changed and explain in words how it has changed over time.

Washing machine history



Extension

Major Discoveries in Electricity and Inventing Electrical Appliances

Extension Task

You have just completed a timeline showing some of the most significant scientific discoveries in electricity. Secondly, you explored the history of electrical appliances.

Your extension task now is to carry out some research on the modern inventor **James Dyson**.



- Who James Dyson is.
- His early inventions.
- What inspired his idea.
- Other inventions.

The Impact of Electricity

Now you have found out about some of the major discoveries in electricity and how electrical appliances have changed over time, you are going to think about the impact of electricity on everyday life.

Using these five headings, research and write a short explanation to describe how electricity has had an impact. **See the example for Food below.**

- Communication
- Entertainment
- Work
- Transportation
- Home

E.g. Food

The food industry needs power to operate. It is a lot faster and easier to produce food items now because of machines. Imagine fast food chains or restaurants having no source of power. Surely, you would have to wait hours before you could eat the meal you ordered.

Week two – Recap on circuit symbols

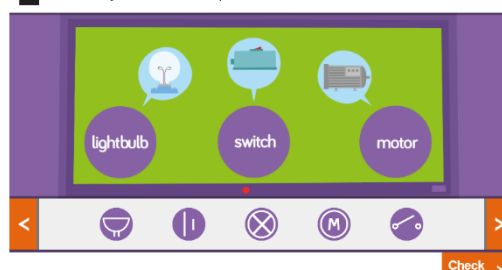
Follow the link below and watch the series of class clips and complete the interactive activities available to help you recap on circuit symbols:

<https://www.bbc.co.uk/bitesize/topics/zq99q6f/articles/zs7g4j6>

▶ Match the symbol to each component.










▶ Match the symbol to each component.



Tasks:

1) Complete this table:

Image	Name	Symbol
		
		
		
		
		
		
		

- 2) Make your own revision cards by drawing the circuit symbol on one side and the part of the circuit that it represents on the other side.
- 3) Draw a simple circuit using images and then draw it again using the circuit symbols.
- 4) Make two sets of cards with the same symbols and play a game of 'snap' with someone at home.
- 5) Play 'Which circuit symbol am I?' and someone else has to guess the symbol following a description of the part of the circuit.

Challenge: Can you draw a circuit containing a buzzer, two batteries and a closed switch?

Electricity - Consolidation and Revision Activities

Please follow the link below to find a range of interactive quizzes/activities/games all about Electricity! This would be an exciting way to test your knowledge and see what you now know about Electricity:

<http://www.primaryhomeworkhelp.co.uk/revision/Science/electricity.htm>

Geography - Trade

Key vocabulary: Trade, Import, Export, Trade links, Goods, Services

Week one – Introduction to Trade

Discuss these key words and like we do in school, think about what they could mean before looking up their definition in a dictionary or online.

Introductory Task: Write out these key words with their definition so you can refer back to this glossary throughout.

Warm-up Task:

Warm-up Task: What do we mean by Trade?

Can you match these key words with their definition?

Trade	Goods or services made in the UK and sold to another country.
Import	Buying and selling goods and services
Export	Goods or services purchased from one country and brought into the UK.

Match these key words to their definition and ensure you have a good understanding of the difference between imports and exports.

Watch this video clip explaining what **imports** and **exports** are:
<https://www.bbc.co.uk/bitesize/topics/zx72pv4/articles/zk4rmfr>

Complete the **interactive quiz** below the video clip:



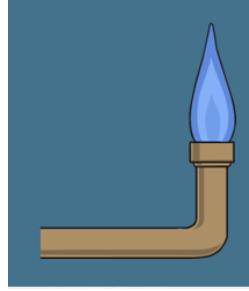
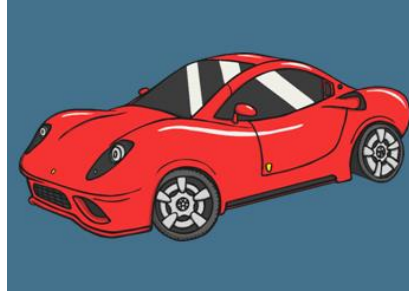
• • • • •

Question 1 of 5

What is it called when we sell things to other countries?

Trade in the UK

Task one: Construct a table and sort these images below into three piles: those that are imported to the UK, exported from the UK and both. Use the internet and research to find this information out.



Task two: Using a world map, identify the UK's main trade partners - using two different colours or a key to represent imports and exports:

Import and Export Links in the UK

Find the countries listed and shade them using the suggested key to show the UK's top 10 global trade links.



Import (Red)	Export (Green)
Germany, China, Netherlands, USA, France, Belgium, Italy, Norway, Spain, Ireland.	USA, Germany, Netherlands, Switzerland, China, France, Ireland, Belgium, Spain, Italy.

Extension questions:

- Which countries are important for both import and export?
- Why do you think the countries are listed in a different order?
- Which kinds of goods and services do you think we import from each of these countries?

Week two – Understanding that our food and clothes come from all over the world

Look at this picture of fruit:



It contains grapes, kiwis, bananas, apples, cherries, strawberries, oranges and lemons

Warm-up task: Your task is to list these fruits in order of distance starting with the fruit piece that is closest to the UK to the one that is furthest from the UK and therefore has had to travel the most to get to your fruit salad?

Carry out relevant **research** to find out where each fruit can travel from and see if your order was correct. Write out the correct order underneath your original order and exactly how far these individual pieces have had to travel to get to the UK.

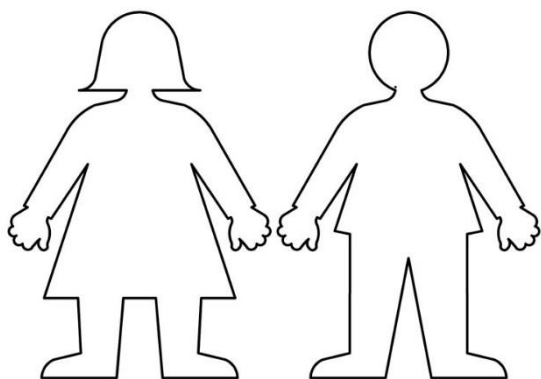
Task one: Look around your kitchen and look at the food packaging on different items to see if you can discover where it has come from. See how many places around the world are within your kitchen!

Task two: The chocolate bar



- **Where do you think this chocolate bar comes from?**
- **Where was it manufactured?**
- **Where do some of the main ingredients come from?**
 - Cocoa
 - Sugar
 - Wheat
 - Milk

Task three: School uniform



- Draw your school uniform out and label all the different items that make up your school uniform
- Discuss these key questions: Where do you think the clothes come from? How did they get to the shop – where were they made? How could you find out?
- Look at the labels to establish the country of origin (this means the country where the clothes were made, not necessarily where the raw materials originate).

School Uniform extension task (1):

Which items travelled the furthest distance to get to school? Which travelled the shortest distance?

School Uniform extension task (2):

Which materials are **natural** and which are **man-made**? How are they produced? (E.g. cotton grows on a plant, wool comes from sheep, polyester is a synthetic fabric made from chemical-based resins).

R.E.- Come and See

Reconciliation

Please use the sheet attached 'Year 6 Reconciliation'.

Week 1– Reveal- Caring for those in need; a Christian responsibility

Watch the video of the Good Samaritan again to familiarise yourself with this parable.

Tasks:

- Create a story board of the parable and retell it to a family member.
- Write a diary entry from the perspective of the Good Samaritan, explaining reasons for your actions.
- Think of ways that we can act like a Good Samaritan and write a list.
- Research other parables associated with healing (**e.g. Jesus heals a blind man**).

Extension Task

Can you think of a time when you acted like a responsible Christian, caring for those in need?

Week 2 – Respond- Caring for those in need; a Christian responsibility

Following the work you have done on the Good Samaritan and healing, you are going to think of ways in which you can follow these examples.

Tasks:

- Write a prayer for anyone who is sick or has been sick.
- Create a thank you poem/prayer/card for anyone who helps care for the sick.

Additional learning resources children and parents may wish to engage with

- **PE with Joe Wicks** – Mon-Fri 9am – YouTube
- **Myleene's Music Klass** <https://www.youtube.com/channel/UCQh2wgJ5tOrxYBn6jFXsXQ>
- **David Walliams** – Every day at 11am, you can listen to one of David Walliams' World's Worst Children stories, so sit down, take a break, and enjoy 20ish minutes of pure fun <https://www.worldofdavidwalliams.com/>
- **Reading Plus** <https://student.readingplus.com/seereader/api/sec/login> Our site code is prstjoh3 and all children have their own username and password.
- **Times Tables Rock Stars**
- **Government advice and guidance on websites to use and activities to complete** <https://www.gov.uk/government/publications/coronavirus-covid-19-online-education-resources/coronavirus-covid-19-list-of-online-education-resources-for-home-education>

Teacher tips

Let the children lead their learning, if they are interested in a particular thing let them explore it and where possible make links with other things as children learn more if they enjoy it. Breaks are important- Children cannot concentrate for long periods of time and need to have time built in for them to switch off. Try PE with Joe wicks or Cosmic Yoga on YouTube to get the children moving and enable them to burn off some energy.