



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

Year 6

Planner 3

Weekly Maths Tasks (Aim to do 1 per day)

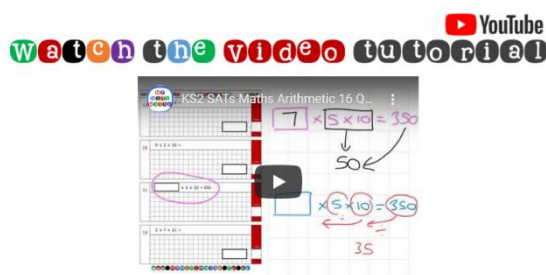
Weekly Reading Tasks (Aim to do 1 per day)

Week one

Daily Arithmetic via

<https://myminimaths.co.uk/arithmetric-16-practice-questions/>

Each day children will have 16 arithmetic questions. Each group of 16 questions will focus on a different arithmetic skill (**see below**). For each set of 16 questions there is also a video tutorial and answers provided:



Monday – Q1a)- Q1p) *Multiplying three numbers*

<https://myminimaths.co.uk/arithmetric-16-practice-question-1/>

Tuesday – Q2a)-Q2p) *Addition*

<https://myminimaths.co.uk/arithmetric-16-practice-question-2/>

Wednesday – Q3a)-Q3p) *Adding fractions with the same denominator*

<https://myminimaths.co.uk/arithmetric-16-practice-question-3/>

Thursday – Q4a)-Q4p) *Multiplying and dividing by 1 and 0*

<https://myminimaths.co.uk/arithmetric-16-practice-question-4/>

Friday – Q5a)-Q5p) *Subtraction*

<https://myminimaths.co.uk/arithmetric-16-practice-question-5/>

Reading

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>

Reading Comprehension

Week one

- Visit: <https://www.literacyshedplus.com/en-gb/resource/stage-6-reading-packs>
- Select Stage 6 (Ages 10-11)
- Complete the last comprehension left in the pack:
- **Worst Jobs for Kids**

Answers are provided at the end of the comprehension also.

- **Comprehension through song** – listen to George Ezra's song '**Shotgun**'. Complete the comprehension questions based on this by following this link: <https://fatherreading.wordpress.com/2019/02/23/shotgun-comprehension/>

Week two

- Recap on the difference between fact and opinion: <https://www.bbc.co.uk/bitesize/topics/zs44jxs/articles/z3wgqhv>

Revise – Parts of a circle

Using the following links, revise and recap the different parts of a circle:

<https://www.bbc.co.uk/bitesize/topics/zvmxs/bk/articles/z8c7qyt>

<https://au.ixl.com/math/year-6/parts-of-a-circle>

<https://www.twinkl.co.uk/resource/t2-m-2418-year-6-parts-of-a-circle-resource-pack>

Suggested activities: Draw a circle and label the parts, create a poster illustrating the parts of a circle or use a circular object around the house and identify the circumference, diameter and radius.

Revise – Types of Triangles

Using the following links, revise and recap the different types of triangles:

<https://www.bbc.co.uk/bitesize/topics/zvmxs/bk/articles/zggsfrd>

<https://www.twinkl.co.uk/resource/t2-m-2234-types-of-triangle-powerpoint>

<https://www.theschoolrun.com/equilateral-isosceles-scalene-triangles>

Suggested activities: Draw and label the different types of triangles you know, make revision cards for the different types or make your own matching game for the type of triangle and its properties.

Learn – Algebra

Using this link below

<https://whiterosemaths.com/homelearning/year-6/> please select **Week 7 (w/c 8th June)** and watch the daily tutorial videos which focus on the topic **Algebra**. Follow the instructions on each video as you watch them.

| Input | Functions | Output |
|-------|-----------|--------|
| 5 | +2 | 7 |
| 5 | -2 | 3 |
| 5 | x2 | 10 |
| 5 | -2 | 3 |
| 5 | +2 | 7 |
| 5 | x2 | 10 |
| 5 | -2 | 3 |
| 5 | +2 | 7 |

Have a go at the quiz:



What are facts and opinions? Quiz

Test your knowledge of facts and opinions with this quiz.

Play

Suggested activities: Based on your daily reading, write down 5 facts and 5 opinions or play a game of fact or opinion with your family – you could write a mixture of facts and opinions down on cards for your family to sort.

Twinkl Term 3 – Reading comprehensions

<https://www.twinkl.co.uk/resource/t2-e-2083-year-6-reading-assessment-term-3>

- **Fiction text – The Holiday**
- **Non-fiction text – Telephone Box**
- **Poetry – Throwing a Tree**

Just-for-fun reading activities:

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

<https://www.literacysshedplus.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: Relevant

Tuesday's Word: Correspond

Wednesday's Word: Committee

Thursday's Word: Nuisance

Friday's Word: Sufficient

Week two

Daily Arithmetic via

<https://myminimaths.co.uk/arithmetric-16-practice-questions/>

Each day children will have 16 arithmetic questions. Each group of 16 questions will focus on a different arithmetic skill (**see below**). For each set of 16 questions there is also a video tutorial and answers provided:

Monday – Q6a)- Q6p) *Adding Decimals*

<https://myminimaths.co.uk/arithmetric-16-practice-question-6/>

Tuesday – Q7a)-Q7p) *Partitioning Numbers*

<https://myminimaths.co.uk/arithmetric-16-practice-question-7/>

Wednesday – Q8a)-Q8p) *Short multiplication*

<https://myminimaths.co.uk/arithmetric-16-practice-question-8/>

Thursday – Q9a)-Q9p) *Division*

<https://myminimaths.co.uk/arithmetric-16-practice-question-9/>

Friday – Q10a)-Q10p) *Short multiplication*

<https://myminimaths.co.uk/arithmetric-16-practice-question-10/>

Revise – Finding the mean (average)

Using the following links, revise and recap how to calculate the mean from a set of data.


****Remember to find the mean, you add all the values together and divide by the number of values in the set.***

<https://www.mathsisfun.com/mean.html> -

Why not complete the ***‘Try it yourself’*** section and have a go at calculating the mean?

Average time for rats to finish a maze

- Rat 1 took 56 seconds
- Rat 2 took 30 seconds
- Rat 3 took 30 seconds
- Rat 4 took 37 seconds


$$\begin{aligned} \frac{\text{Sum}}{\text{Count}} &= \frac{\boxed{} + \boxed{} + \boxed{} + \boxed{}}{4} \\ &= \frac{0 + 0 + 0 + 0}{4} = \frac{0}{4} \end{aligned}$$

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Week two

Monday's Word: Occupy

Tuesday's Word: Guarantee

Wednesday's Word: Disastrous

Thursday's Word: Interfere

Friday's Word: Pronunciation

<https://www.twinkl.co.uk/resource/t2-m-2413-year-6-mean-in-maths-differentiated-activity-sheets>

<https://www.bbc.co.uk/bitesize/topics/zm49q6f>

Revise – Types of lines

Using the following links, revise and recap the different types of lines:

- **Vertical**
- **Horizontal**
- **Parallel**
- **Perpendicular**
- **Diagonal**

<https://www.twinkl.co.uk/resource/t2-m-17243-types-of-lines-display-poster>

<https://www.bbc.co.uk/bitesize/topics/zb6tyrd/articles/zp327hv>

<https://www.maths4everyone.com/resources/sats-questions.html> - Select the angles and lines section for practice questions.

Suggested activities: Make your own poster illustrating the different types of lines, describe the different types of lines to a family member, draw the different types of lines or see how many types of lines you can include in a picture of an object (e.g. picture of a house – lots of opportunities to include perpendicular and parallel lines!)

Learn – Finding missing angles

Previously, you have revised the different types of angles. This week, you are going to look at finding missing values of angles in quadrilaterals, triangles, straight lines and in a full turn.

Facts to learn:

- **The angles in a triangle add up to 180 degrees.**
- **The angles in a quadrilateral (4-sided shape) add up to 360 degrees.**
- **The angles on a straight line add up to 180 degrees.**
- **The angles in a full turn add up to 360 degrees.**

<https://www.thenational.academy/year-6/maths/find-the-value-of-missing-angles-year-6-wk3-1#slide-2>

<https://myminimaths.co.uk/year-6-week-9-calculating-missing-angles-in-quadrilaterals-and-triangles-friday/>

<https://corbettmaths.com/wp-content/uploads/2013/02/missing-angles-pdf1.pdf>

Weekly Spelling/Phonics tasks
(Aim to do 1 per day)

Spelling: Revisit and Recap on –cious and –tious words.

Watch this short video clip:

<https://www.bbc.co.uk/bitesize/topics/zt62mn/articles/zp7dk7h>

-cious:

- Vicious
- Precious
- Conscious
- Suspicious
- Delicious

-tious:

- Ambitious
- Cautious
- Infectious
- Nutritious
- Conscientious

***Try and put these words into 10 sentences and complete a spelling test at home.**

Grammar: Recap on Prepositions

<https://www.theschoolrun.com/what-are-prepositions>

<https://www.bbc.co.uk/bitesize/topics/zwwp8mn/articles/zw38sr>

Weekly Writing tasks
(Aim to do 1 per day)

Suggested writing activities:

Week one

- **Leaver's Poem** - Write a poem about leaving primary school and moving to secondary school. You could even write an acrostic poem for ST.JOHN'S PRIMARY SCHOOL.
- **Diary extract** – Imagine creating a time capsule based on the year 2020. Write a diary entry from your perspective about this year and the challenges the world has faced. Imagine someone reading it in 10 years' time and ask yourself if your piece of writing really reflects how life has been during a global pandemic.
- **Narrative** – choose one of these titles below to write a creative story.
 - **Message in a bottle.**
 - **Through the doorway.**
 - **Once-in-a-lifetime chance!**
 - **In the Forest.**

Week two

• **Year 6 Writing Project: Theme Park**

This week you have the task of designing your own theme park. Along with this, you will have to complete some pieces of writing. Choose from some of these ideas below:

Complete the quiz:



Suggested activities: Set a timer for 2 minutes and write as many prepositions as you can, using objects in your house write sentences about them using prepositions and play a game of prepositions charades with someone at home guessing your preposition actions.

Grammar: Recap on Determiners

Remember there are 6 types of determiners:

Articles, possessive, quantifiers, number, demonstrative and question words.

- Write a definition for each (use this link to recap if you need: <https://www.theschoolrun.com/what-is-a-determiner>)
- Listen to the determiner song on YouTube and then write a determiner song of your own to help you remember the different types.
- Identify determiners in song lyrics or from your daily reading book. See how many you can spot in your day.

- 1) Begin by writing a letter to the local councillor asking for planning permission to build your theme park and why you believe it would be beneficial to have a theme park here. Remember to **persuade**.
- 2) Complete a setting description to describe your theme park.
- 3) Complete an information booklet/brochure to show the different attractions at your theme park. You will need to have some images as well as written information in this.
- 4) Complete a poster that will stand out and attract people to your theme park.
- 5) Complete a trip advisor page with different written reviews from people that have visited your theme park.
- 6) Complete a newspaper article announcing the opening of your theme park.
- 7) Complete a radio advert to promote your theme park.



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: Complete the following quiz to recap your knowledge of electricity from previous years.
<https://www.educationquizzes.com/ks2/science/electrical-circuits/>

Week 1 – Circuits

Key Vocabulary: Battery Blow Cell Complete Component Electrons Filament Fuse

Define the key vocabulary, think of times when you have used or heard these words. Can you put these words in a sentence?

Task 1: Will it work?

Look at each statement below which includes components of a circuit. Your task is to draw out the circuit and decide whether or not it will work (will the bulb light?).

(Assume all wires are connected as normal unless stated)

1. no cell, a bulb
2. a cell, a bulb, an open switch
3. a cell, a buzzer which has one wire not connected
4. two cells with the positive terminals facing each other, a motor
5. a cell, a bulb, a closed switch
6. a cell, two bulbs
7. a cell, a bulb, a closed switch, both wires connected to the positive terminal
8. a cell, two switches opposite each other (one is open, one is closed), a bulb

Task 2: Make predictions

Look at each of the statements below. Make notes on how each statement could be tested and make some predictions on what will happen.

I think that if you add a motor, buzzer and a bulb with one battery the circuit will work.

I think that if you add more bulbs instead they will get dimmer.

I think that you can make bulbs brighter by adding more batteries to the circuit.

I think that if you keep adding batteries to a circuit with one bulb the bulb will just get brighter.

Extension

Look at the three images below. Which of the items do you think is the odd one out and why?

Odd One Out

Which of the following is the odd one out?
Can you explain why?



Week 2 – Resistance

- Think about what is meant by the term resist/resistance. Where have you heard it before?
- Think about what you may need to create resistance in a circuit – brainstorm your ideas.
- Complete the explanation of what resistance is using this template below.

Resistance

Resistance is like pushing a squashy ball through a tube – the smaller the tube. And longer the tube, the more difficult it is.

All parts of an electric circuit resist the flow of an electric current:

- The _____ a piece of wire is, the more it resists the flow
- The _____ a piece of wire is, the more it resists the flow

Some metals resist the flow more than others. We can use the property of resistance to control the flow of an electric current in a circuit. The _____ the resistance, the _____ the current.

If we want to make a light glow less brightly we could put a _____, _____ piece of wire in the circuit to reduce the electric current.

| | | | | | |
|---------|----------|------|------|---------|--------|
| smaller | narrower | thin | long | greater | longer |
|---------|----------|------|------|---------|--------|

Extension

Check your knowledge by completing the quiz below

<https://www.bbc.co.uk/bitesize/guides/zsfgr82/test>

Vikings

Recap vocabulary

- Danelaw, drinking horn, helmet, jewellery, long boat, longhouse, loom, runes, shield, Valhalla

Week 1

Think about the Viking boat you previously investigated and designed.

You now need to use your knowledge to write an advert to sell this boat.



The key points that you need to sell are:

- It's light: designed to float high in the water, landing easily on the ground
- It's flexible: helpful for weaving through waves
- It's fast: it achieves speeds of up to 14 knots
- It's cheap to build
- It's big: 119 feet long with room for at least 72 oars and a crew of 100
- It's good quality: high-quality oak

Extension

Write a job advert for an oarsman (sailors who turn the oars on the boat so it can move). What kind of personality, skills, and experience will he/she need?

Week 2

This is a Viking.

Decide what you think...

- his name is
- where he comes from
- why he is standing there
- Invent his life story and experiences from what you know about Viking life.



Extension

Add a thought bubble to show this character's inner thoughts.

R.E.- Come and See

Reconciliation

Please use the sheet attached 'Year 6 Reconciliation'.

Week 1 – Explore- When people become sick and need care

Read the story about when people become sick and need care. Reflect upon the qualities needed to be a carer or work for the NHS and choose an activity to complete from the list of suggested activities.

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

Read the information and watch the video which retells the parable of the Good Samaritan. Reflect on the Good Samaritan's actions and choose an activity to complete from the list.

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/UCQh2wgJ5tOrixYBn6jFXsXQ>
- **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.