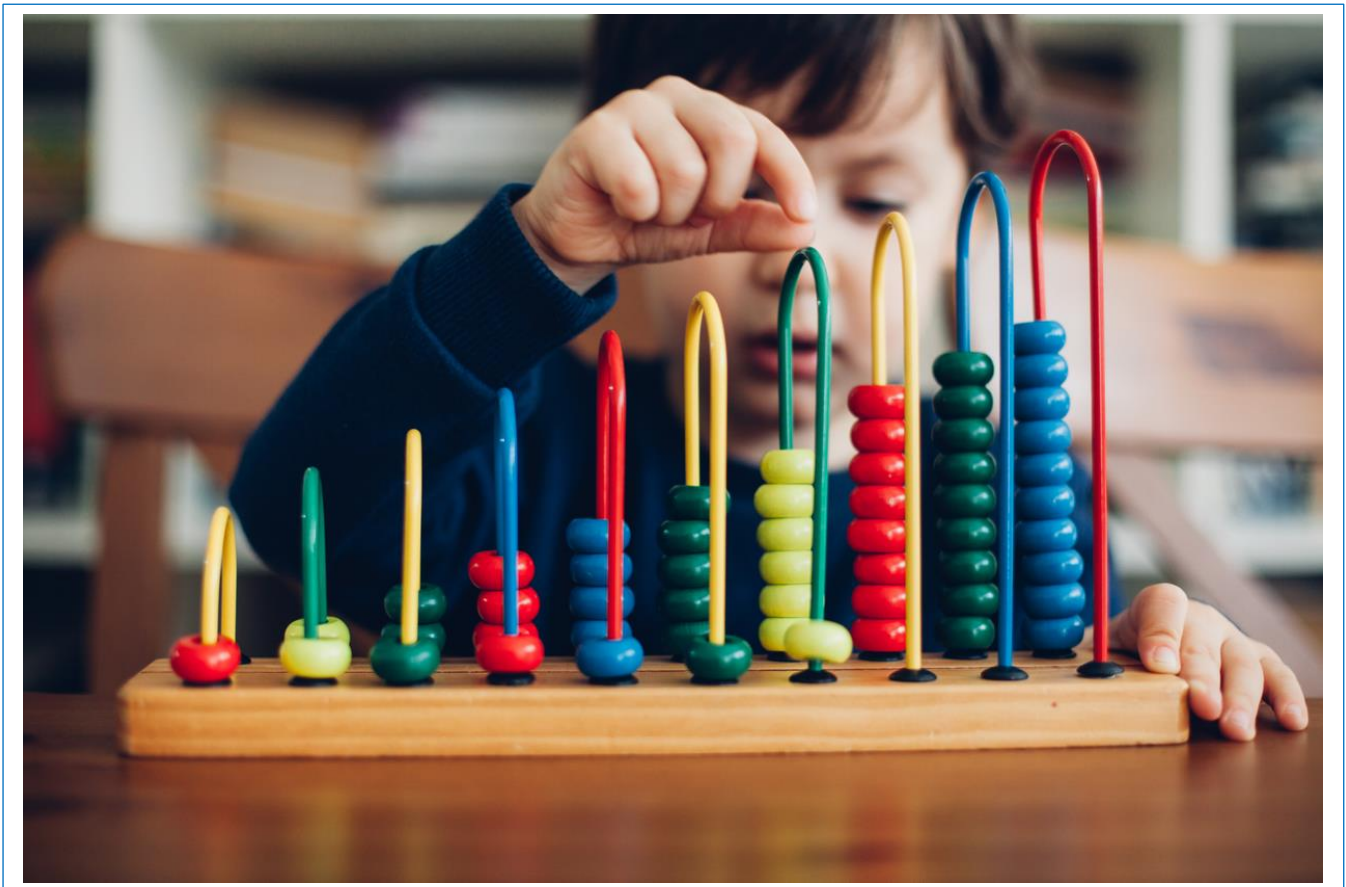


# Remote Maths Ideas

## Ideas for Home Learning for Reception - Y6



# Introduction

This booklet has been produced as a response to the closure of most schools due the Covid 19 pandemic.

It offers a range of resources and ideas to support remote learning for your pupils.

Where possible, resources and ideas have been linked to National Curriculum and EYFS programmes of study to support different year groups. Although remote learning may not be as effective as learning from The National Curriculum at school, this is an attempt to prevent too much of a slide occurring with year group content.

Please let me know how you get on and share your experiences.

Sarah Luty  
[sarah.luty@entrust-ed.co.uk](mailto:sarah.luty@entrust-ed.co.uk)

# Useful Mathematics Websites for Home Learning

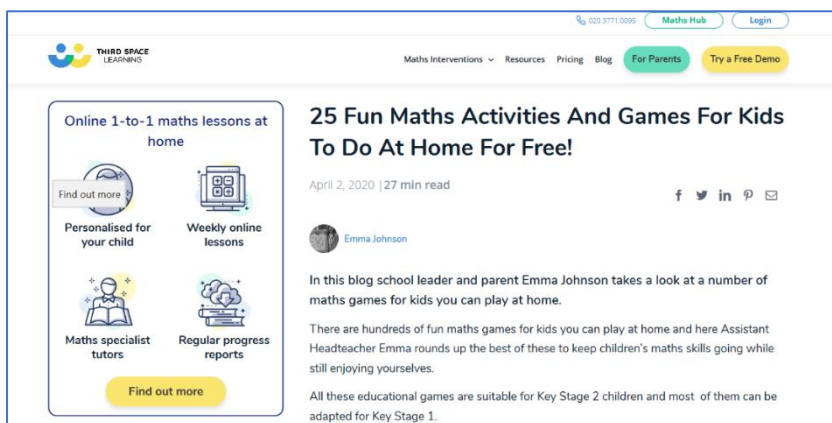
## Third Space Learning

<https://thirdspacelearning.com/blog/home-learning-resources/>

This site has a range of activities and resources for supporting children with their maths learning at home. Some resources require a free sign-up. The site also offers interventions for schools which require paying for and they have recently introduced a parents' section which requires payment. However, there are a lot of free materials on this site.

## 25 Fun Maths Activities and Games

<https://thirdspacelearning.com/blog/fun-maths-games-activities-for-kids/>



There are 25 games for parents to play with children but some very clear instructions which as a teacher they can be copied and sent out to parents.

### Hands on maths game 2: The 24 Game

This is a very simple game that will help your child practice their arithmetic skills, and it is a game they can play with a group of friends.

What you need to play:

- A pack of playing cards (The number cards only)

How to play:

*Step 1:* Each player picks 4 number cards at random from the pile.

*Step 2:* They then need to find a way to manipulate the 4 digits using any of the 4 operations (+, -, x, ÷) so the end result is 24 For example, if they chose 4, 7, 8, 8, they could do  $(7 - (8 \div 8)) \times 4 = 24$

*Step 3:* If nobody is able to reach 24, you can make it closest wins!

### The 24 Game

All that's needed is a pack of cards!!



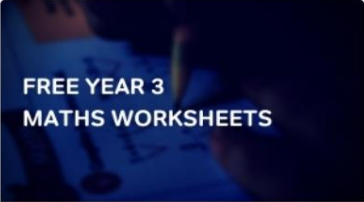
## Blog for Parents

<https://thirdspacelearning.com/blog/category/for-parents/>

This section includes lots of blogs written for parents but included in the blogs are lots of useful links that teachers can use.

### For Parents

Here are all our home learning blogs written for parents by teachers.




**FREE YEAR 3 MATHS WORKSHEETS**

**Free Year 3 Maths Worksheets And Homework: Printable, Downloadable Or Just View Online**

To make it easier for schools and parents finding their way through home learning, we've collected here all our free Year 3 Maths [...]

By [Sophie Bessemer](#) 5 min read




**HOME LEARNING GUIDANCE FOR SCHOOLS AND PARENTS**

**Home Learning Guidance For Schools and Parents In Primary Schools**

These are unprecedented times for schools who are now needing to support home learning. Educators, teachers and education companies are coming together in [...]

By [Sophie Bessemer](#) 8 min read



**FREE HOME LEARNING RESOURCES (KS1 & KS2)**

**Free Home Learning Resources And Maths Packs For Primary Maths (KS1 & KS2)**

To support parents at home during school closure, we've put together as many of our primary maths resource as we can into free [...]

By [Anantha Anilkumar](#) 8 min read

One particularly useful blog is [Free Home learning resources for KS 1 and 2](#)



**FREE HOME LEARNING RESOURCES (KS1 & KS2)**

**Free Home Learning Resources And Maths Packs For Primary Maths (KS1 & KS2)**

To support parents at home during school closure, we've put together as many of our primary maths resource as we can into free [...]

By [Anantha Anilkumar](#) 8 min read

<https://thirdspacelearning.com/blog/home-learning-resources/>

Within this blog there is a particularly useful section which includes guides for parents to help their children with maths at home. Included in this are useful activities. They include activities that teachers are familiar with, but families may not be.

[Year 2 Maths](#)

[Year 3 Maths](#)

[Year 4 Maths](#)

[Year 5 Maths](#)

[Year 6 Maths](#)

## Resource Library

<https://mathshub.thirdspacelearning.com/resources>

This section is full of lots of different resources for different age groups. An example of this is the Year 1 Maths Games and Activities

Mixed Topic Year 1

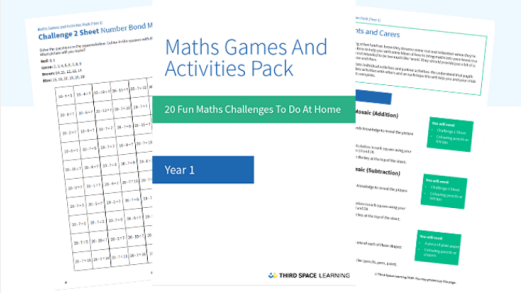
### Year 1 Maths Games And Activities Pack

20 home learning maths activities and games for Year 1 children to complete on their own or with a partner.

The Year 1 Maths Games And Activities Pack is sectioned into 10 independent maths activities and 10 activities for children to complete with a partner.

The activities are designed to be fun, flexible and only involve items you can find in the pack or in your house.

[Download](#)



### 5 How long?

**Your challenge:**

- Can you find your longest toy?

**What to do:**

1. Get 10 toys.
2. Compare your toys - which is the longest?
3. Put the toys in order from shortest to longest.
4. Draw your toys in order from shortest to longest.

**You will need:**

- 10 toys
- A piece of plain paper

A simple activity from the year 1 pack. There are challenge activity sheets to support many of the activities

There are activity packs for each year group.

<https://mathshub.thirdspacelearning.com/resources/1953/Year-1-Maths-Games-And-Activities-Pack>

<https://mathshub.thirdspacelearning.com/resources/1952/Year-2-Maths-Games-And-Activities-Pack>

<https://mathshub.thirdspacelearning.com/resources/1948/Year-3-Maths-Games-And-Activities-Pack>

<https://mathshub.thirdspacelearning.com/resources/1947/Year-4-Maths-Games-And-Activities-Pack>

<https://mathshub.thirdspacelearning.com/resources/1946/Year-5-Maths-Games-And-Activities-Pack>

<https://mathshub.thirdspacelearning.com/resources/1946/Year-5-Maths-Games-And-Activities-Pack>

## Maths Dictionary

Complete primary maths dictionary of mathematical terms taught at EYFS, KS1 & KS2  
<https://thirdspacelearning.com/blog/primary-maths-dictionary/>

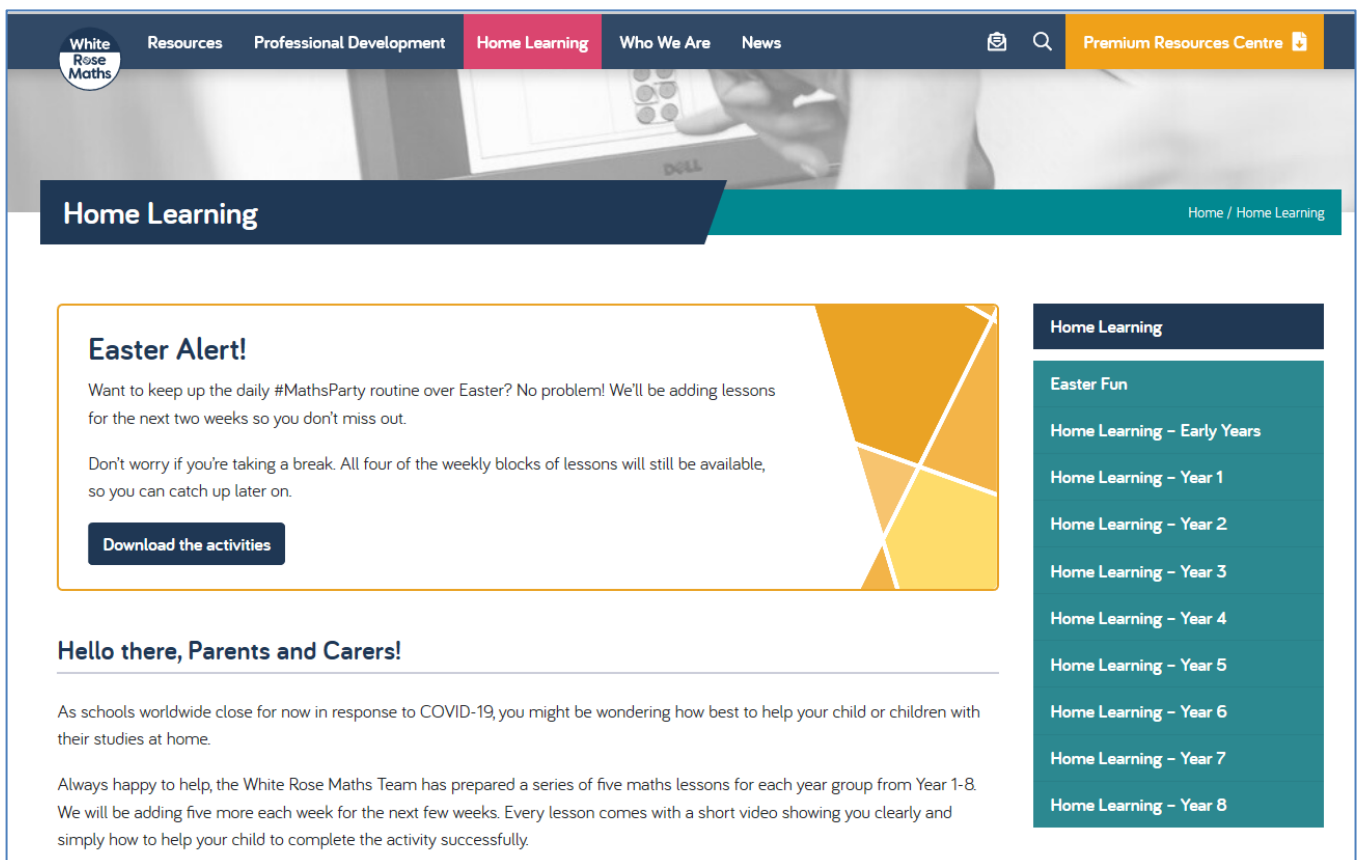
## White Rose Maths

<https://whiterosemaths.com>

## White Rose Home Learning

<https://whiterosemaths.com/homelearning/>

White Rose have introduced a section on home learning



The screenshot shows the 'Home Learning' page on the White Rose Maths website. The navigation bar includes 'Resources', 'Professional Development', 'Home Learning' (highlighted), 'Who We Are', and 'News'. A 'Premium Resources Centre' button is also visible. The main content area features an 'Easter Alert!' section with a 'Download the activities' button. Below this is a 'Hello there, Parents and Carers!' section with introductory text. On the right, a sidebar lists 'Home Learning' resources for 'Easter Fun' and 'Home Learning - Early Years' through 'Home Learning - Year 8'.



Within each year group there are a series of interactive lesson which are supported by questions. e.g. below is an example of year 5.

The children need to access the activity section as this supports the powerpoint. They then click on the arrow and the slides start with commentary. There are regular breaks for the children to do an activity to reinforce the concept being worked on. As there are more lessons going regularly on-line, teachers can select the topic they wish to cover.

## White Rose Power Maths

White Rose have made power maths available for the Spring term for children and parents to access on- line. <https://whiterosemaths.com/homelearning/>

## White Rose Easter Activities

<https://whiterosemaths.com/homelearning/easter-fun/>

White Rose have produced different activities that were available to do over Easter. The activities could still be used at home as mathematics activities.

**Easter Fun**

Home / Home Learning / Easter Fun

**Bake it!** #MathsEveryoneCanAtHome  
We love baking at White Rose Maths and we love arrays.  
What multiplication facts can you use?  
How many different arrays can you make?  
Use our recipe to help you bake some delicious fairy cakes.  
How many different arrays can you make with 12 fairy cakes?  
Don't forget to share your photos!

Day 1 - Bake It

**Play it!** #MathsEveryoneCanAtHome  
Cards are a great way to enjoy time with your loved ones and there is so much maths involved.  
Use 4 lots of 1-9 digit cards to play our card games. Use paper or left-over cardboard to make them or remove the picture cards from a set of playing cards.  
Do you have your own favourite card game?  
Share the rules with us so we can all play!

Day 1 - Play It

**Estimate it!** #MathsEveryoneCanAtHome  
We love looking for maths all around us, especially during our daily walk or out of our windows.  
Can you estimate how many daffodils you think there are?  
What area of ground do you think they cover?  
Can you take some estimation photos during your daily walk or from out of your window?  
Don't forget to share them with us!

Day 2 - Estimate It

**Make it!** #MathsEveryoneCanAtHome  
Making dens is a fantastic way to problem solve, thinking about angles, height, length and shapes.  
Can you make an indoor or an outdoor den?  
Could you make a small sock den for a toy?  
Measure the height, length and width of your den.  
How many people/toys can fit inside it?  
Share your photos with us!

Day 2 - Make It

Home Learning

Easter Fun

- Home Learning - Early Years
- Home Learning - Year 1
- Home Learning - Year 2
- Home Learning - Year 3
- Home Learning - Year 4
- Home Learning - Year 5
- Home Learning - Year 6
- Home Learning - Year 7
- Home Learning - Year 8

## White Rose Problem of the Day

<https://whiterosemaths.com/resources/classroom-resources/problems/>

Don't forget the problems of the day 2020. These can be downloaded and problems could be selected to support different learning areas. There are also a set of slides with answers!

**Problem of the Day**

Home / Resources / Classroom Resources / Problem of the Day

**Problem of the day**

Problems of the Day 2020  
Here's the full set of KS2/KS3 Problems from this year, along with answers!

Download

**Previous problems**

Problems of the Day 2020  
Here's the full set of KS1 Problems from this year, along with answers!

Download

Resources

- Primary Resources
- Secondary Resources
- Early Years Resources
- Schemes of Learning
- Classroom Resources
- Problem of the Day
- Barvember
- Interactive Whiteboard Resources
- Assessment
- Premium Resources
- Power Maths
- TTS
- Learning by Questions



Here is an example of KS2 Day 3 2020

**Problems of the Day 2020**

Day  
**3**

**1** Which of these numbers round to 2,000 to the nearest 100?

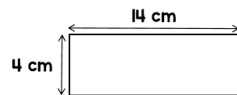
1,950   2,312   2,099   2,045

**2** What are the missing numbers?

$$6.4 = 1 + \square$$

$$3\frac{2}{5} = 1 + \frac{\square}{5}$$

**3** Annie has a 1 metre piece of wire. She cuts the wire into two pieces. She uses the smaller piece to make this rectangle.



She uses the other piece of wire to make a square.

What is the length of one side of the square?



## Hamilton Home Learning Packs - Mathematics

<https://www.hamilton-trust.org.uk/blog/learning-home-packs/>

Hamilton have produced downloadable resource packs with teacher guidance. There is a week's worth of resources provided for each year group.



### Learning at Home Packs for Reception

- Reception - [Play Activities](#) (Last updated 7th April)
- Reception - [Week 1](#) | [Week 2](#) | [Week 3](#)

### Learning at Home Packs for Maths

- Year 1 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#) | [Week 5](#)
- Year 2 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#) | [Week 5](#)
- Year 3 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#) | [Week 5](#)
- Year 4 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#) | [Week 5](#)
- Year 5 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#) | [Week 5](#)
- Year 6 Maths - [Week 1](#) | [Week 2](#) | [Week 3](#) | [Week 4](#)

Each week includes teachers notes, PowerPoints and activities. Here is an example from year 3 week 3 on fractions.

**TEACHER NOTES**

**MATHS Learn at Home packs: Year 3, Week 3**

**These notes are intended for teachers** who are using these materials to continue to teach their class using any form of online file sharing, alongside group chats/ video conferencing, etc.

The 'timetable' for this week's teaching and learning is as follows

- **Day 1** – Provide some teacher input, using the PowerPoint presentation\*. If children can access this in PowerPoint, they will hear the voice-over teaching. Children then proceed with the Home Pack as usual.
- **Day 2** – Children can work through this, drawing on the teaching from yesterday.
- **Day 3** – Children work through this but if possible, discuss the Mastery Questions in 'Check your Understanding' in an online group tutorial. Those who struggle can do the Mild sheet and the first Mastery Question.
- **Day 4** – Provide some teacher input, using the PowerPoint presentation\*. If children can access this in PowerPoint, they will hear the voice-over teaching. Children then proceed with the Home Pack as usual.
- **Day 5** – Children continue working through this but will benefit from some teacher input when they are doing the Mastery Questions in 'Check your Understanding'.

**Day 1** – Use a fraction wall to compare pairs of fractions

**Day 2** – Use a fraction wall to order a group of fractions

**Day 3** – Pairs of fractions that add to 1

**Day 4** – Write and draw corresponding analogue and digital clock times

**Day 5** – Match analogue and digital clock times;  $\frac{1}{4}$ -hour increments

Structure of materials

|       | PowerPoint lesson | Learning Reminders | Practice Sheet(s) | Problem solving task | A bit Stuck? | Check your understanding |
|-------|-------------------|--------------------|-------------------|----------------------|--------------|--------------------------|
| Day 1 | ✓                 | ✓                  | ✓                 |                      | ✓            |                          |
| Day 2 |                   | ✓                  | ✓                 | ✓                    | ✓            |                          |
| Day 3 |                   | ✓                  | ✓                 |                      |              | ✓                        |
| Day 4 | ✓                 | ✓                  | ✓                 | ✓                    | ✓            |                          |
| Day 5 |                   | ✓                  | ✓                 |                      | ✓            | ✓                        |

\*PowerPoint presentations are provided. You can use your phone to film yourself going through these on a laptop. OR parents and children can access them at home, preferably in PowerPoint but also as images on a tablet. You can then talk these through. Or you may have a clever online way,

**Year 3: Week 3, Day 4**

**Write and draw analogue and digital clock times**

Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. If possible, watch the PowerPoint presentation with a teacher or another grown-up.



OR start by carefully reading through the Learning Reminders. They come from our PowerPoint slides.



2. Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.



3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?



4. Think you've cracked it? Whizzed through the Practice Sheets? Have a go at the Investigation...

© Hamilton Trust

Write and draw corresponding analogue and digital clock times.

What time is the clock showing?

9 o'clock.

9:00

colon

Where will each hand be in half an hour?

© hamilton-trust.org.uk 1 Year 3

# Mathematics Mastery

<https://www.mathematicsmastery.org/free-resources>

Mathematics mastery have designed a selection of resources to use at home. Within the maths packs there are guidance notes and pupil packs. There are currently up to ten weeks' worth of packs for reception to year 6. There are also some for Key stage 3.

**Mathematics Mastery** At home materials Year 2 Weeks 1-2 Number bonds within 100

**Ark**

**Contents**

|  |  |   |
|--|--|---|
| <b>Understanding number bonds</b><br>Focus 1: Number in subsets<br>Focus 2: 'Whole' and 'parts'<br>Focus 3: Find number bonds for 'four' | <b>Preparing for number bonds within 100</b><br>Focus 1: Look at number bonds within 10<br>Focus 2: More on number bonds within 10<br>Focus 3: Grouping in tens<br>Focus 4: Place value for multiples of ten | <b>Number bonds within 100</b><br>Focus 1a and 1b: Using known number bonds within 10 for finding number bonds within 100<br>Focus 2a and 2b: Finding out unknown numbers in number bonds |
|--|--|---|

Printable resources can be found at the back of the pack.

Each year group is set out as the example from year 2.

- Y2 Printable packs**
- [Maths Year 2 Weeks 1-2: Number bonds within 100](#)
  - [Maths Year 2 Weeks 3-5: Addition and subtraction](#)
  - [Maths Year 2 Weeks 6-8 Guidance pack](#) (easy for parents/guardians to guide learning)
  - [Maths Year 2 Weeks 6-8: Addition and subtraction, multiplication and division, number](#)
  - [Maths Year 2 Weeks 9-10: Measures](#)

**Mathematics Mastery**

**Number Bonds Within 100: Understanding number bonds**  
 Focus 1: Number in subsets

|  |   |   |
|--|---|---|
| <b>About the maths</b><br>Being able to identify the number of objects in sets and subsets is key to developing an understanding of the concept of parts and whole in number bonds.  | <b>Key words</b><br>Number bonds are the pairs of numbers that make up a given number.<br><b>Number Bonds to 10</b><br>$1 + 9, 2 + 8, 3 + 7, 4 + 6, 5 + 5$  | <b>What you'll need</b><br>Lots of objects that could go together for sorting e.g. a set of cutlery with sub-sets of knives and forks, a crockery set with sub-sets of plates and bowls etc.  |
| <b>Getting started</b><br>Choose a set of objects that can be sorted into two subsets. The example below shows you how you can talk about them together.<br><i>Example:</i> Explain to your child that the shapes are all squares. Ask them to explain how the shapes have been sorted and label them 'red' and 'not red'.<br><br>Ask:<br>How many squares are there in the set?<br>How many red squares are there in this sub set?<br>How many squares are not red? | <b>Task</b><br>Give your child a set of objects that have been sorted into subsets.<br><i>Example:</i> Ask them to identify what they all have in common (they are all triangles).<br>Ask them to label each subset (green, not green).<br><br>Ask them to identify how many there are in each subset.<br>Ask them to identify how many there are altogether in the set.<br>They should be able to identify that: <ul style="list-style-type: none"> <li>• there are seven triangles altogether.</li> <li>• there are four green triangles.</li> <li>• there are three triangles that are not green.</li> </ul> | <b>Deepening understanding</b><br>Provide your child with shapes that have been sorted into more than two subsets.<br>Ask them to identify how many there are in the set and how many there are in each subset.<br><br><i>Example:</i> They should be able to identify that: <ul style="list-style-type: none"> <li>• there are ten orange shapes altogether.</li> <li>• there are six orange squares.</li> <li>• there are three orange circles.</li> <li>• there is one orange triangle.</li> </ul> |

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## Content covered week by week in Mathematics Mastery

|         | 1                         | 2                           | 3                         | 4                                | 5                           | 6   | 7   | 8   | 9  | 10   |
|---------|---------------------------|-----------------------------|---------------------------|----------------------------------|-----------------------------|---|---|---|--|--|
| Re<br>c | Counting within 20        | Counting within 20          | Counting within 20        | Number bonds within 20           | Number bonds within 20      | Number bonds within 20  | Depth of numbers within 20                                    | Depth of numbers within 20                                    | Depth of numbers within 20                             | Depth of numbers within 20                             |
| Y1      | Number bonds within 20    | Number bonds within 20      | Addition and subtraction  | Addition and subtraction         | Addition and subtraction    | Addition and subtraction strategies, money and measure        | Addition and subtraction strategies, money and measure        | Addition and subtraction strategies, money and measure        | Addition and subtraction strategies, money and measure | Addition and subtraction strategies, money and measure |
| Y2      | Number bonds within 100   | Number bonds within 100     | Addition and subtraction  | Addition and subtraction         | Addition and subtraction    | Addition and subtraction, multiplication and division, number | Addition and subtraction, multiplication and division, number | Addition and subtraction, multiplication and division, number | Measurements   | Measurements   |
| Y3      | Reasoning with numbers    | Division and multiplication | Addition Key Facts        | Addition and subtraction methods | Angles                      | Geometry  | Measures  | Lines, length and perimeter                                   | Time   |  |
| Y4      | Numbers                   | Multiplication facts        | Multiplication Strategies | Division strategies              | Lines, length and perimeter | Shape and symmetry  | Triangles and Quadrilaterals                                  | Time  | Telling the time                                       |  |
| Y5      | Multiplication Strategies | Division strategies         | Multiplication methods    | Division methods                 | Angles and shapes           | Triangles   | Quadrilaterals  | Area  | Positive and negative numbers                          |  |
| Y6      | Multiplication Strategies | Division strategies         | Multiplication methods    | Division methods                 | Angles and shapes           | Triangles   | Quadrilaterals  | Area  | Positive and negative numbers                          |  |

## I See Maths

<http://www.iseemaths.com/home-lessons/>

Gareth Metcalf has produced live lessons for children to watch and join in. They are for years 3&4 and 5&6. Click on the home learning tab and the lessons will be available.

**Every weekday at 9am**, two new lessons will be posted via YouTube: one aimed at children in


**Years 3&4** <http://www.iseemaths.com/lessons34/> and another for

**Years 5&6** [www.iseemaths.com/lessons56/](http://www.iseemaths.com/lessons56/)

Each video will help children to build the skills needed for the main task. Then children will complete the main task – a challenge or short series of questions – working individually or with adult support.

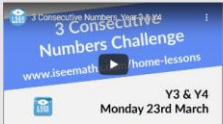
All Home Learning Lessons, Y3 & Y4  
There are links on this page to all of the home learning tasks for Y3 and Y4. Join in from today's lesson or catch up on previous ones! New lessons from 20th April.

Today's Lesson, 3rd April:



Strawberries & Spotty Ties  
[www.iseemaths.com/lessons34](http://www.iseemaths.com/lessons34)  
Y3 & Y4  
Friday 3<sup>rd</sup> April

Today's Task, Y3 & Y4



3 Consecutive Numbers  
Numbers Challenge  
[www.iseemaths.com/home-lessons](http://www.iseemaths.com/home-lessons)  
Y3 & Y4  
Monday 23<sup>rd</sup> March

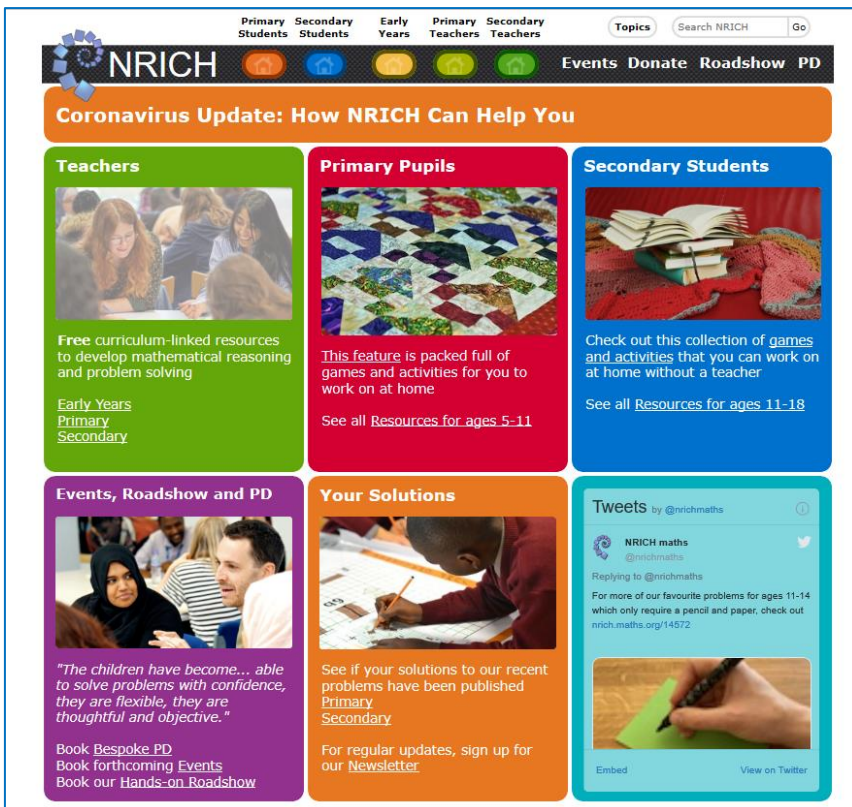
Tasks, Y3 & Y4, 3 Consecutive Numbers



## NRICH Activities for Home Learning

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

NRICH have set up a link on the home page. This goes to a set of activities that are grouped in age groups.



The screenshot shows the NRICH website home page. At the top, there are navigation tabs for 'Primary Students', 'Secondary Students', 'Early Years', 'Primary Teachers', and 'Secondary Teachers'. A search bar is also present. Below the navigation is a 'Coronavirus Update: How NRICH Can Help You' banner. The main content area is divided into several sections: 'Teachers' (Free curriculum-linked resources), 'Primary Pupils' (Games and activities for ages 5-11), 'Secondary Students' (Games and activities for ages 11-18), 'Events, Roadshow and PD' (Bespoke PD, Events, Roadshow), 'Your Solutions' (Published solutions and newsletter sign-up), and 'Tweets by @nrichmaths' (A tweet about problems for ages 11-14).



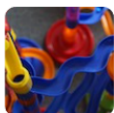
### Activities for Ages 3-5

This collection of activities is particularly suitable for 3 to 5 year olds.



### Activities for Ages 5-7

This collection of activities is particularly suitable for 5 to 7 year olds.



### Activities for Ages 7-11

This collection of activities is particularly suitable for 7 to 11 year olds.



### Activities for Ages 11-14

This collection of resources is particularly suitable for ages 11-14



### Activities for Ages 14-16

This collection of resources is particularly suitable for ages 14-16



### Activities for Ages 16-18

This collection of resources is particularly suitable for ages 16-18

An activity taken from Ages 7-11

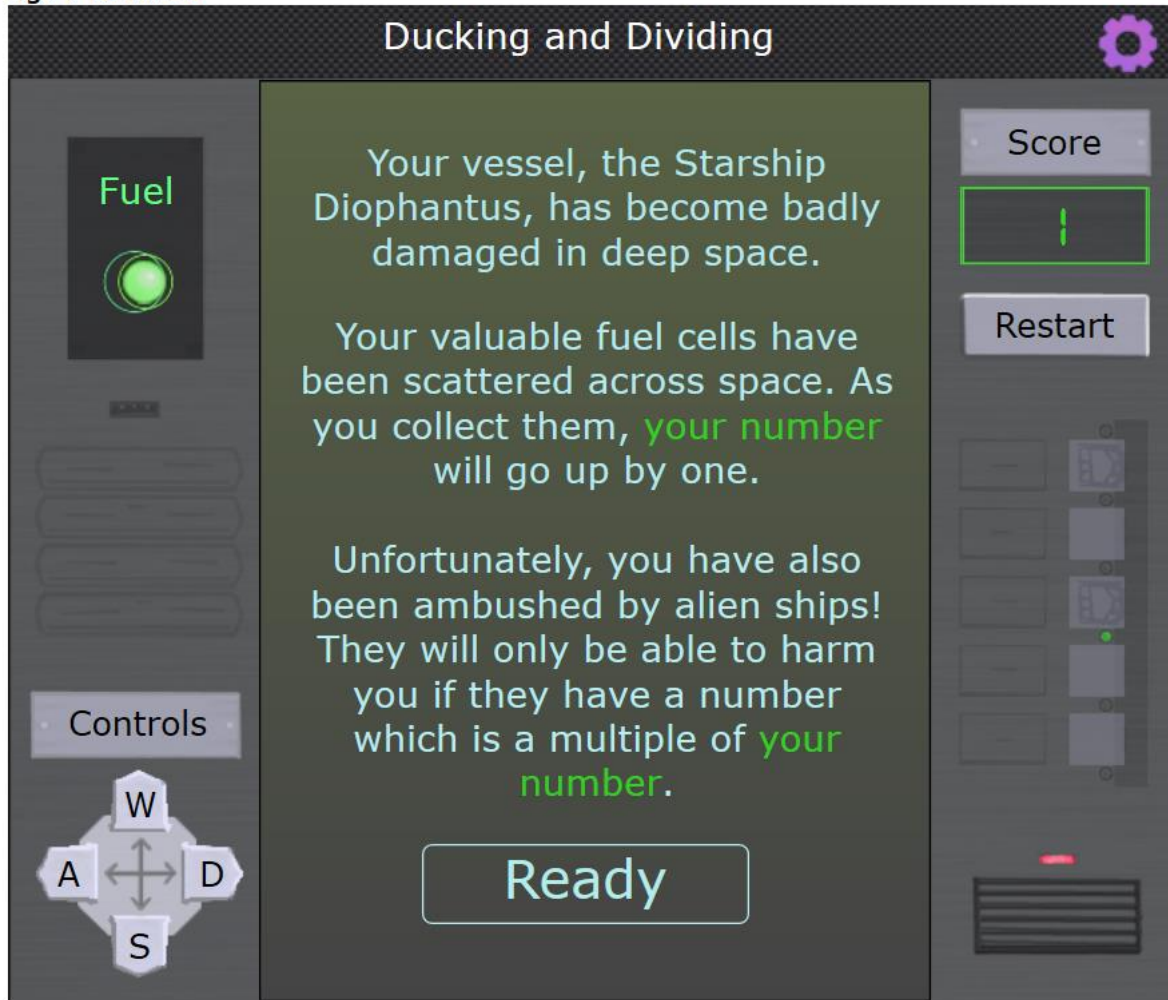


### Ducking and Dividing

Age 7 to 11 ★★

Your vessel, the Starship Diophantus, has become damaged in deep space. Can you use your knowledge of times tables and some lightning reflexes to survive?

Age 7 to 11 ★★



**Ducking and Dividing**

**Fuel**

**Score**

1

**Restart**

**Controls**

W  
A D  
S

**Ready**

Your vessel, the Starship Diophantus, has become badly damaged in deep space.

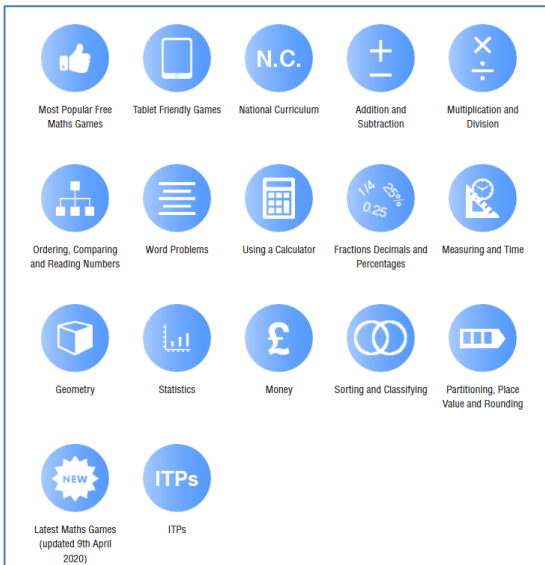
Your valuable fuel cells have been scattered across space. As you collect them, **your number** will go up by one.

Unfortunately, you have also been ambushed by alien ships! They will only be able to harm you if they have a number which is a multiple of **your number**.

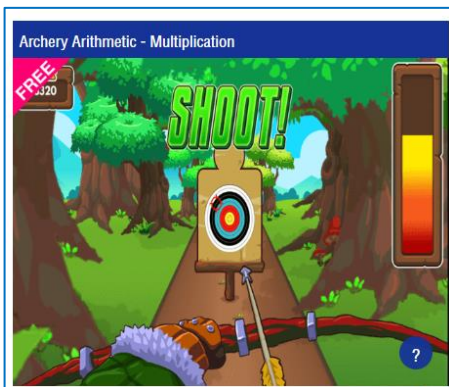
# Mathsframe

<https://mathsframe.co.uk/>

Maths Frame has lots of free interactive games to play. Categories include:



<https://mathsframe.co.uk/en/resources/resource/399/Archery-Arithmetic-Multiplication>



This game allows players to select the level they wish to play at. There are three questions for every shot. It can be for one player or more

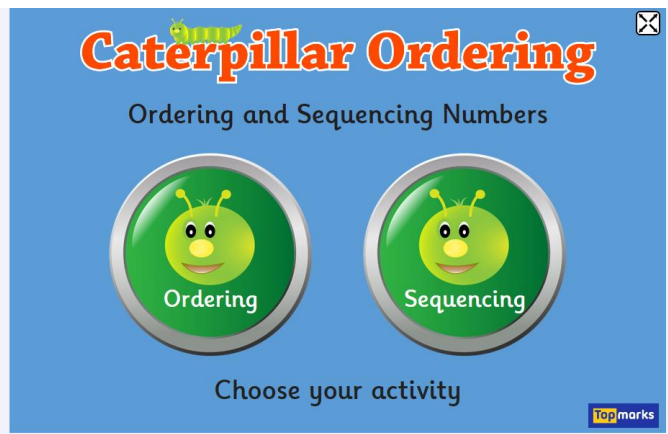


## More Useful Websites

### Top Marks

<https://www.topmarks.co.uk/maths-games>

A range of interactive maths games categorised by age group.



#### About Caterpillar Ordering

Caterpillar Ordering is an interactive ordering and sequencing numbers game, which would complement a minibeasts topic in the classroom.

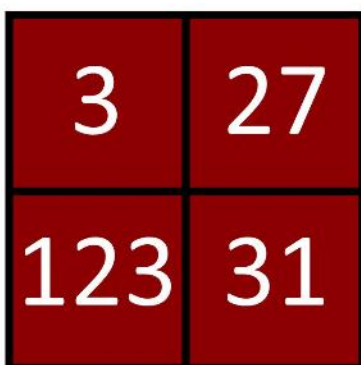
Suitable for 5 to 11 year olds, this maths game has different levels which can be matched to a child's mathematical ability level.

The drag and drop activities help children to order numbers, beginning at a basic level and progressing to more challenging exercises ordering decimal and negative numbers. The sequencing activities help children to recognise number sequences and reinforce their knowledge of multiples.

### Which one Doesn't Belong

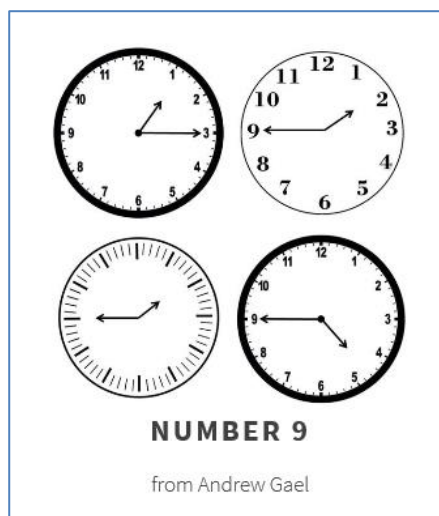
<https://wodb.ca/>

This is a website that provides thought-provoking puzzles for mathematics. There are no answers as there are many different ways of describing which one doesn't belong. A really good website to get discussion started.



**NUMBER 2**

from Mary Bourassa



**NUMBER 9**

from Andrew Gael



## Solvemoji

<https://www.solvemoji.com/>

Solvemoji uses a selection of emojis and math to give colourful and exciting brainteaser puzzles for all to enjoy. The emoji puzzles come in 5 difficulties, Easy, Medium, Hard, Expert and for a very tricky experience 'Master'. Guess the number value of emojis in each row and then correctly work out the bottom row sum.

www.solvemoji.com - EASY  
 SOLUTIONS, PUZZLES & LEADERBOARDS ONLINE

|  |   |  |   |  |   |    |
|--|---|--|---|--|---|----|
|  | + |  | + |  | = | 15 |
|  | + |  | + |  | = | 17 |
|  | + |  | + |  | = | 13 |
|  | x |  | + |  | = | ?  |

Puzzle ID: 7069 CLASS DOJO EDITION

www.solvemoji.com - EASY  
 SOLUTIONS, PUZZLES & LEADERBOARDS ONLINE

|    |   |   |   |   |
|----|---|---|---|---|
|    | + |   | = | 8 |
| +  | + | + |   |   |
|    | + |   | = | 7 |
| =  |   | = |   |   |
| 10 |   | 5 |   |   |

## Gary Hall Maths Resources

<https://garyhall.org.uk/primary-maths-resources.php>

These free primary Maths resources for KS1 and KS2 (around 3,000 of them) are sorted by year group and learning objective. They are also separated into resources for both teachers and students and include videos, games, apps and Maths worksheets. Click on an objective to find a variety of resources to support the learning.

Gary Hall Maths English Computing Other Contact Me

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### Primary Maths Resources

These free primary maths resources for KS1 and KS2 (around 3,000 of them) are sorted by year group and learning objective. They are also separated into resources for both teachers and students and include videos, games, apps and maths worksheets.

Category:  Start at year:  until year:  Text:

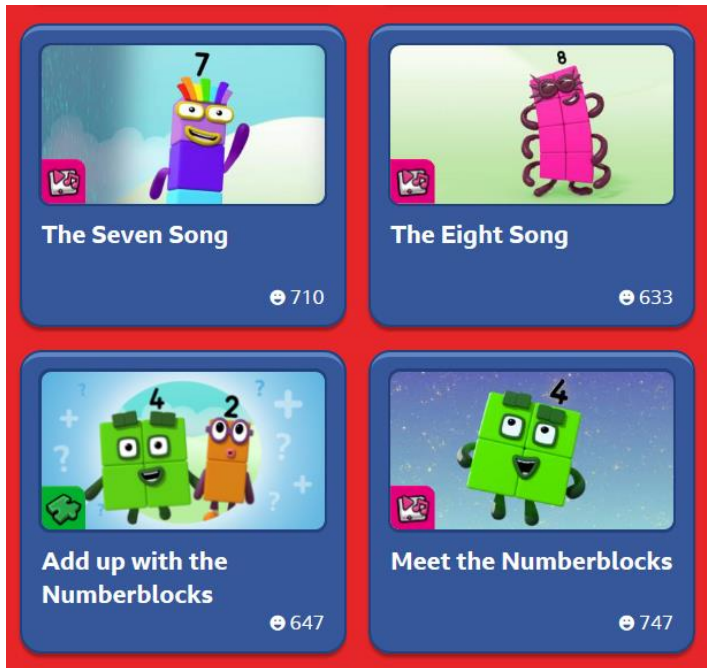
#### Year 1 objectives

- count to and across 100, forwards and backwards, beginning with 0 or 1, or from any given number
- count, read and write numbers to 100 in numerals; count in multiples of 2s, 5s and 10s
- given a number, identify 1 more and 1 less
- identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least
- read and write numbers from 1 to 20 in numerals and words

## Number Blocks

<https://www.bbc.co.uk/cbeebies/shows/numberblocks>

Videos for numeracy development which can be watched at home with parents. Designed for children aged 0 to 6



<https://www.bbc.co.uk/cbeebies/grownups/help-your-child-with-maths>

This article has lots of ideas for helping young children enjoy mathematics. There are fun activities that can be applied to everyday life and play.

### One more, one less

Learning about “one more” and “one less” than a given number is important for estimating and being able to assess quantity, and leads on to simple addition and subtraction.

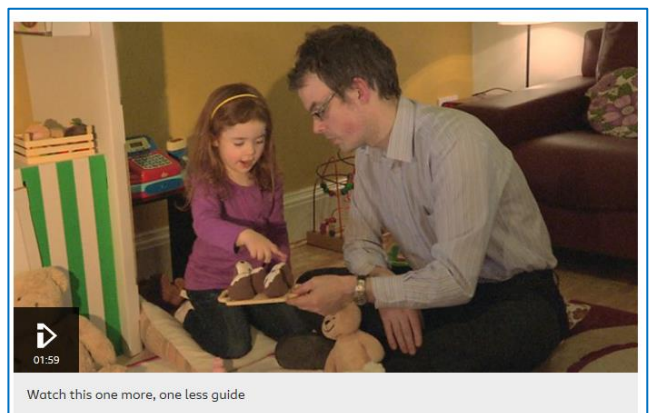
Activities for one more, one less:

1: Sticky notes numbers

Write the numbers one to ten on sticky notes, stick them in a row, then ask your child to pick a number and quiz them on which numbers come before and after the one they have chosen.

2: Secret number

Think of a number, then ask your child to guess your secret number. Tell them that, for example, your secret number is “one more than 6” or “one less than eight”. Ask your child to come up with their own secret number too and try to find out what it is. You could play this sitting on a bus or a train and look for numbers on the bus or in the carriage – a bit like I Spy! – to start the game off.





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