

YEAR 4 REMOTE LEARNING PLAN

Monday 1st June – Friday 5th June 2020



Our theme this week is:

The Titanic

KEY VOCABULARY

buoyancy	a force on an object making that object rise or move upward.
latitude	the distance north or south of the equator measured in degrees
longitude	distance measured in degrees east or west of an imaginary line that runs from the north pole to the south pole and passes through Greenwich, England.
upthrust	The force of the water pushing up against the weight of an object.

KEEPING IN TOUCH

If you have any questions or queries regarding remote learning tasks, please contact your child's class teacher through the email address below.

We invite you to submit photographs of your children's experiences and photographs of completed paper based tasks to:

year4@sherwood.lancs.sch.uk

ARTS FOCUS

Across the next two weeks, we would love to see you create a 3D model of the Titanic! You can use anything you wish to do this: cardboard, paper and paint; salt dough and food colouring; play dough; clay; Lego; cake!

Your Titanic ship can be sailing or sinking – the choice is yours!

Start by drawing out your design, labelling and colouring it for accuracy.

Once you have your design, use your materials to construct the ship, painting and colouring it where necessary.

This is a good recipe for salt dough -

<https://www.bbcgoodfood.com/howto/guide/how-make-salt-dough-recipe>



SCIENCE AND TECHNOLOGY

FOCUS

The Titanic weighed over 52 tonnes! So why did it not sink? Watch this clip to learn more about buoyancy.

<https://www.bbc.co.uk/bitesize/topics/zc89k7h/article/zytqj6f>

Your challenge this week is to design a boat that can lift a heavy weight. Think about the different materials that you could use; how the weight is distributed; how you could add air to make it more buoyant.

Once you have created a boat, think about how you could improve it.

Record your findings and design in your remote learning book.

HUMANITIES FOCUS

We are going to look at the journey of the Titanic, from where she was built; where she set sail from; where she stopped; and where she sank.

Begin by reading through the file called 'Titanic's journey across the Atlantic.' Try and answer the questions to remind yourself about the use of coordinates on maps.

Once you have worked through this, Begin plotting the various points in Titanic's journey, on the sheet named 'Titanic journey.'

Use your knowledge of the Titanic (from the clips in English plus further research if required) to plot her journey.



ENGLISH CORE LEARNING TASKS

Over the next two weeks, we will be researching the Titanic.

-Imagine you are employed by the White Star Line (the company who owned Titanic) and have been asked to create a promotional leaflet or poster to advertise Titanic and its facilities. Read and watch *What was life like on board Titanic?* <https://www.bbc.co.uk/bitesize/topics/z8mpfg8/articles/zkg9dxs>

Now watch this clip- *Timeline: The Sinking of Titanic – Britannica Encyclopaedia* **from 4:08 mins to 5:05 mins**

<https://www.youtube.com/watch?v=fHJ8DwXIFyQ>

Task Create a leaflet or poster persuading people of all classes to buy a ticket. Try to include information of what's available to do on board for all classes. If you'd like more information and images about the facilities available on board Titanic, use this website to support writing your leaflet or poster: <http://www.titanicandco.com/inside.html>

-Watch *Sinking of the Titanic* – **only up to 6:30 mins:** https://www.youtube.com/watch?v=b0L_2jKEbA4&t=198s

Write down key facts about the sinking as you watch. Imagine you are a news reporter in 1912 and you have just received the information that Titanic has sunk.

Task

Write a news report explaining to your readers the events of the tragedy. Once you have written your news report, you may wish to film your report as if it is aired on BBC news. An example of a completed news report can be found here: *The Sinking of the Titanic – Breaking News Report* <https://www.bbc.co.uk/bitesize/clips/zc78a6f>

MATHS CORE LEARNING TASKS

This week, we will be focusing on division using the chunking method. Please watch the video on the remote learning page, that demonstrates how to do this – we have done lots of this in class but it will remind you of some of the important steps.

Once you have watched the video, print out the digit cards (or create your own if you do not have a printer!)

Shuffle the cards and then choose two cards to create a 2 digit number. This is your dividend (The number that you will be dividing into equal parts.) Shuffle the cards again and choose another digit. This is your divisor (the number you are dividing by.)

Using the chunking method, solve the equation. Remember to create a fact box and record any remainders that you have. Check you answer with a calculator if you can.

Repeat this several times until you are confident with the process. Record your working out and answers, in your remote learning book.

Challenge – Can you add an extra digit to your dividend? (E.g 365 divided by 9)

When you feel confident, move onto the word problems, available on the remote learning page.

SPELLING/PHONICS FOCUS

Over this half term, we will be concentrating on the Year 3/4 Statutory word lists. Log on to Spelling Frame and play Match the Wall for spelling rule 25. <https://spellingframe.co.uk/spelling-rule/26/25-Word-list-years-3-and-4--a-to-bi->

Once you are confident with the spellings, write them in sentences.

arrive, actual, address, answer,
accident, accidentally, appear,
actually, believe, bicycle.

KEY MENTAL MATHS SKILLS TO REHEARSE ORALLY

To support your Core Maths task this week, please continue to practise your times table facts – in particular, using the inverse operation.

<https://www.topmarks.co.uk/maths-games/daily10>

Choose Level 4, Division, Mixed Tables: up to /12.
Start with either 7 or 10 seconds, increasing until you can achieve 10/10 at 3 seconds.

