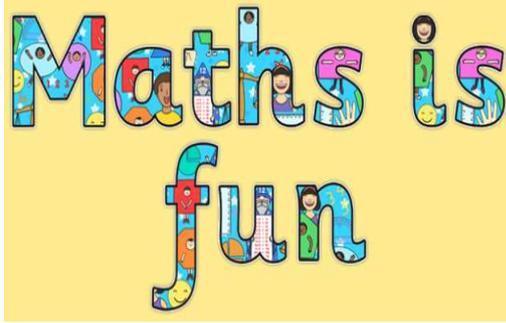


Learning Project Week 6 'Air'

Age Range Year 2

Weekly Maths Tasks – aim to do one per day



- Complete any maths work set by your school.

Try to do 10 minutes of arithmetic/ mental maths each day:

- What do I need to add or subtract from each of these numbers to total 60?
40,44,66,69,76,86,99,89,79
- I think of a number and I add 2. The answer is 17. What was my number? Show your working out.
- I think of a number and I subtract 5. The answer is 24. What was my number? Show your working out.
- Complete these calculations:
 $30 + 40 + \underline{\quad} = 100$
 $40 + \underline{\quad} + 20 = 100$
 $36 + 44 + \underline{\quad} = 100$
 $47 + \underline{\quad} + 20 = 100$
 $47 + \underline{\quad} + 30 = 100$

Weekly Reading Tasks – aim to do one per day



- **Read the story 'After the Fall'** If you do not have access to the story use

<https://www.youtube.com/watch?v=dUKt1a6I3yw>

What is the book about? How does it relate to the nursery rhyme of Humpty Dumpty. What was Humpty's fear? What helped Humpty to feel happy again? How did Humpty overcome his fear? What attitudes did Humpty show? What emotions. Find the word that shows that Humpty was really afraid. Was the ending what you expected? What is the moral of the story? What are your favourite words in the story?

- Year 2 children: Children to read to parents daily.

https://www.oxfordowl.co.uk/for-home/find-a-book/library-page/?view=image&query=&type=book&age_group=Age+6-7&level=&level_select=&book_type=&series=#

- Visit Oxford Owl for free eBooks that link to your child's book band. You can create a free account.
- **Read 'Fly High Katie'.**
<https://www.youtube.com/watch?v=9aDTc96NVbY>
- Katie flew on an aeroplane to see grandma. Have you ever flown on an aeroplane? Where did you go? If you haven't flown on an aeroplane, where would you like to go? What is turbulence? Are there any other words that are new and you do not understand?
- **Read 'To fly in the sky'**
https://readon.myon.co.uk/reader/index.html?a=wr_flsky_f11



- Insert $<$, $>$ or $=$ to make these number sentences correct.
 $7 + 8 _ 8 + 7$
 $3 + 6 _ 2 + 7$
 $3 + 6 _ 4 + 7$
 $4 + 7 _ 2 + 6$
- White Rose Maths has daily maths lessons for you to work through:
<https://whiterosemaths.com/homelearning/year-2/>

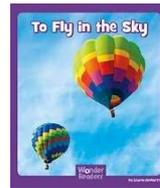
Watch the video, pausing to do the activities when you are told. The BBC are providing **free** worksheets to support the White Rose Maths lessons. Access these [here](#).

From May 4th, White Rose Maths are charging for their worksheets – your school may provide you with a code to access these – the BBC sheets are completely compatible with White Rose.

Missing Numbers

What are the missing numbers in each of the following sentences?
 What other number sentences can you make for each statement?

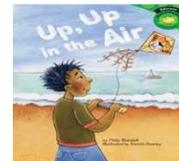
$5 + \square = 11$	$8 + \square = 12$
$\square - 5 = 16$	$5 + 11 = \square$
$3 + \square = 9$	$10 + \square = 21$
$20 - \square = 10$	$\square + 5 = 8$
$15 + \square = 19$	$\square - 8 = 6$
$15 + 11 = \square$	$20 + 10 = \square$
$5 \times \square = 20$	$6 \times \square = 60$
$35 \div \square = 7$	$50 \div \square = 5$



What was the first thing invented to fly in the sky? Who invented it? What didn't work to help humans fly? What was the problem with hot air balloons and gliders? Who built the first Aeroplane? When was it called? When was it built? What do these words mean? **Building, engines, humans, idea, invention, inventors, machines, possible, travel.**

- **Read 'Up, up in the air'**
https://readon.myon.co.uk/reader/index.html?a=uk kr upair_s08

- What advertisement did Jamar read in the newspaper? Why did Jamar do research before building his kite? Where did he do this research? Was Jamar upset that he didn't win? Research some of the words and find the meaning: **kite, bridle, drag, lift** using the glossary in the book.



- **Read the graphic novel 'Airplane Adventure'** What is the difference with a graphic novel and a normal novel. Read the book through by yourself. Find the sound and action words in the book. If you were going on a trip on an aeroplane, what would you pack?



Weekly Phonics Tasks – aim to do one per day

Phonics

Daily phonics - your child to practise their sounds and blend words set by the school.

- Recap on plurals and when we add 's' or 'es' from last week.
- New spelling rule for plurals this week. Words ending in f or fe (but not ff) change the f to a v and add 'es.' Use these words **'elf, loaf, leaf, wolf, shelf, thief, wife, knife'** make them into plurals and write them in sentences. See if you can get two plurals into

Plurals regular and irregular

mouse 3	child 5	baby 2	game 5	man 4
dress 2	dish 10	dog 3	sheep 4	witch 3
book 3	flower 3	cherry 2	leaf 6	heart 2
potato 3	woman 3	fish 6	house 3	glass 2
foot 2	box 3	apple 6	horse 3	fox 2
pencil 12	wife 3	lunch 2	tomato 2	tooth 2
wolf 2	clock 3	volcano 3	shoe 2	kiss 6

one sentence!

- Practise words to read and spell from the Year 2 common exception word list.
 - great,
 - half,
 - hour,
 - hold,

Weekly Writing tasks – aim to do one per day



- In the book 'Airplane adventure' there were some sound and action words that you found. Write your own sentences using these words.

- Look at your tomato plants. Write how they are growing. What have you had to do to them now? Are there any signs of tomatoes? Measure the height again and record any changes. Add as much detail as possible by using descriptive language and add 'when, if that, because' to your sentences to make them longer and more detailed.

- Humpty had to overcome his fear of falling and climbing the wall. What have you done to overcome your fears? Who has helped you when you have been scared? Are you scared anymore?



Animal FACT FILE

Name:	Picture:
Description:	Habitat:
	Diet:
Other interesting facts:	

- Write a fact file about the first aeroplane that was built. Use the book 'To Fly in the Sky' and the video clip in history to help you. Use the headings Name of plane, who built it, where was it

built, what date did it fly for? How was it improved? What did the brothers learn from it? Add any other interesting facts.

- 5) improve
- Write each word in a sentence.



- Katie thinks her teddy is missing in the airport. Write a recount of the time that you thought you had lost something and how it made you feel. Describe what it was like when



you find your missing item. Add description to your writing including expanded noun phrases for description e.g. my

brown teddy and use a range of punctuation including a question mark and an exclamation mark.

- Katie was bored on the aeroplane until they hit turbulence. Write a fact about something you find boring. Now write underneath what you can do to make it fun! Now ask people in your house what they find boring. Record it and give them a solution of what they could do.



Learning Project to be done throughout the week

This is the second week of the project and aims to provide opportunities for your child to learn about wind and air. This week the focus is air.

- **Science:** Watch the video How do kites fly in the sky? Watch up until 1 minute 26 seconds.
https://www.google.com/search?q=Materials+for+making+a+kite+how+does+it+fly+ks1&rlz=1C1CHBF_en-GBGB842GB842&oq=Materials+for+making+a+kite+how+does+it+fly+ks1 Try and explain how the kite manages to stay up in the air. Using your knowledge of materials, think about the type of material that would be good to make a Kite sail. Think about what a kite sail needs to be. Does it need to be heavy? Or Light. Which would be suitable for making and flying a kite? Design your own table to record your predictions in and think about a variety of materials. Consider : **an empty tin can, newspaper, card, a plastic carrier bag, foil, a book, a bin bag, a wooden spoon.** Give reasons why certain materials will not be good to use as material for making a kite. Talk your thoughts through with a grown up,



- **Design and Technology:** Watch the video Let's make a kite https://www.google.com/search?q=Materials+for+making+a+kite+how+does+it+fly+ks1&rlz=1C1CHBF_en-GBGB842GB842&oq=Materials+for+making+a+kite+how+does+it+fly+ks1 from 1minute 26 till the end or follow the activity Trash Bag Kite at the end of the 'Up, Up and Away' Book. Using the material that you think will be best from your science testing, use it to make a kite. Decorate the kite so that it is special to you! Don't forget to add the important tail. Now the best bit.....go and fly it! Go with an adult and practise until you can do it! Ask someone to take a picture of you flying your kite.

- **Art:** Look at the picture of clouds by Gerhard Richter.



Does this picture remind you of clouds. Look carefully at the picture, it looks like it has been made from tiny squared pieces of paper. Try and make a cloud picture using squared paper or material. You might want to use newspaper.

- **PSHE** – link to After the Fall and Humpty being scared. Being scared when we are in danger or when we are doing something that we haven't done

before, happens a lot. Sometimes being scared can be exciting (like when we go on a ride at a park) but at other times it is not a nice feeling. Make a list of things that make you scared and what you need to make you feel better.

- **History:**

Watch the film clip The Wright Brothers in Flight with a grown up. Talk about the film. What have you found out about the first flight?

<https://www.youtube.com/watch?v=q3beVhDiyio>

Watch the first flight. See how it compares to the book 'To Fly in the Sky.' The flight was important so that people could believe that humans can fly. If you watch all of the film you can see the brothers



staying in the air for longer. Think about what the plane was made of and how the men managed to get the plane up into the sky. Use the information to help you write a fact file on the first aeroplane flight. Discuss with a grown up how aeroplanes have changed today.



- **Computing:** On a laptop or computer or tablet select the **direction** keyboard option. On a blank screen choose a pen and make a messy pattern on the screen. How do you decide the direction that you go? How do you choose how far you go? Are you pleased with your picture?

- **PE:** Every day, Joe Wicks has a 30 minute workout at 9 am. Join in via YouTube



Family learning

Design and make a paper aeroplane. Decorate it and test it. Which member of the family has made the best paper aeroplane that travels the furthest?

