


P3 Home learning Grid – Space Wk 1 – 4.5.20

| Maths | Literacy | HWB | Other |
|--|--|--|--|
| <p style="text-align: center;">Problem solving Space Travel</p>  <p>You are asked by NASA to join them on a space mission to Mars. It costs £5 per seat.</p> <ol style="list-style-type: none"> 1. You want to take your mum with you. How much will it cost for you both? 2. Your dad wants to go too. He got £20 for his birthday. How much change will he get for his ticket? 3. A family member has got £50. How many seats could they book? 4. NASA have only got 20 seats on the shuttle. How much will they make if all the seats are taken? <p>CHALLENGE - How much has your family given to NASA in total?</p> | <p style="text-align: center;">Spelling lesson 1</p> <p>The link below takes you to spelling activities and instructions.</p> <p style="text-align: center;">Link for P3 spelling.</p> <p style="text-align: center;">https://ferryhillprimary.files.wordpress.com/2020/04/spelling-homework-grid-home-learning.pdf</p> | <p style="text-align: center;">Space Fitness</p> <p>How fit do you feel? You need to be very fit to be an astronaut. Try doing each of these activities for a minute every day. Keep a record of how many of each you can do in a minute or, for the running, how long you last before stopping!! Can you do more as the week goes on? Do you find you can do more when you have had a good night's sleep?</p> <p>I find that putting a smile on my face always gets me a few extra.</p> <p style="text-align: center;">Activities</p> <ul style="list-style-type: none"> • two feet jumping on the spot • burpees • bouncing a ball (dribbling) • squats • star jumps • running (either moving around or on the spot) | <p style="text-align: center;">Day and Night</p> <p>Where is your favourite outdoor space? I love going to visit the park and the beach but I also love to just look out my window at the street outside and see what's happening.</p> <p>Choose your favourite place and draw a picture of it, then beside it draw another picture showing the exact same place at night.</p> <p>What is the same and what is different? Are there different animals or people passing by? Can you see all the details and colours the same? How is the sky different?</p> |

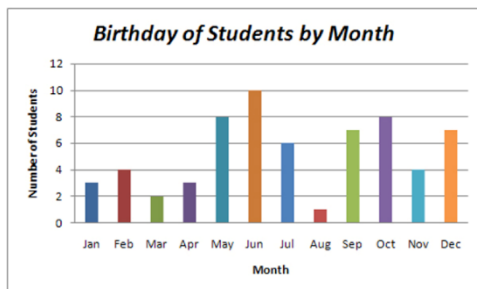
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Data Handling

Create your own bar graph for a space topic e.g. star signs, favourite season.

Ask the people who live in your house first, then phone or video call to ask other family and friends for their answers.

Display your answers in a graph like we have done before in school.



See hints below for help on how to display.

Spelling lesson 2

Look back at your spelling from lesson 1.

Practise the 10 words from your list with a spelling activity. When you are confident you have learned all the words, ask an adult to check you can write the words correctly.

PE

Choose 1 or 2 tasks from Mr Robertson's staying active Home Learning grid on our school website
You could also try these work outs on YouTube

Joe Wicks
Oti Mabuse
Zumba kids

ART

Take part in Dr Stahl's weekly art lessons, available on our school website.

You can also learn to draw cartoons every night live on HarpToons on Facebook. It's really fun to do as a family. These can also be found on YouTube

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Mapping/Patterns

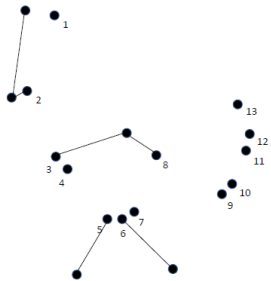
Star Maps

Have a look online at some star constellation maps. Read about what they are below.

Create your own constellation pattern. You could put numbers on it, in a pattern/sequence and ask a member of your family to complete it.

You could draw the star points and get someone to put the numbers in for you to complete.

Orion



You can make a star finder of your own and maybe stay up a little later to use it one clear night.

<https://spaceplace.nasa.gov/starfinder/en/>

Reading

Fact finder

Mild - Ask someone at home to read to you the information below about constellations. Tell someone 3 facts from what you have read.

Spicy, Hot - Read the information below about constellations. Check the meaning of any words you are not sure of with an adult.

Now write down 4 or 5 facts from what you have read.

Extra challenge;

Write a list of vocabulary from the text. You are now going to make a **glossary** by finding the meanings using an online dictionary. Write 1 sentence only after the word as the meaning for the glossary.

Do 5 words or more!

e.g. Constellation - A **constellation** is a group of stars which form a pattern and have a name.

Online dictionary;

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

Friendship Wordsearch

What qualities do you think you need to be a good friend? What kind of things do your friends do that you like? Is it that they are kind or maybe funny?

Choose 10 words that would describe a good friend and make them into a wordsearch. You could also add in some of your friend's names.

It's OK to ask an adult or a big brother or sister for help drawing the wordsearch and a ruler would be handy too if you have one. If you don't have a ruler you can always use the straight edge of a dvd box or book.

Space Exploration

Have a look at the kids section on the European Space Agency website

www.esa.int/kids/en/home

If you go to the learn section, there is loads of information on planets and space.

Try and have a look at the information on the solar system and its planets. It's amazing what is up there in space.

There are also games to play, crafts to try and competitions to enter.

Get exploring

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Number work Place Value

Resources - 3 dice or 1 dice to roll 3 times.
(if you don't have any dice you can find a number generator online - see link below)

Roll the dice to give you 3 numbers. Write those numbers to make 3 different values using HTU.

For example, you roll a 3, 6, 1 - you can make the following number values.

| H | T | U |
|---|---|---|
| 3 | 6 | 1 |
| 3 | 1 | 6 |
| 1 | 3 | 6 |
| 6 | 1 | 3 |

You can make this easier by only doing Tens and Units or harder by adding in Thousands with an extra dice roll.

Talking & listening

Watch and listen to the story *Miss Mouse goes to Space* on YouTube.

<https://www.bbc.co.uk/cbeebies/watch/miss-mouse-goes-to-space>

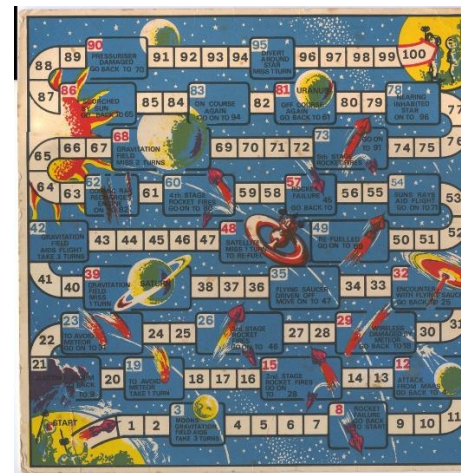
Miss mouse goes to the International Space Station in the story. Imagine you are going on a trip there. Tell someone what you would take with you. Think about what you would NEED and other things that would be nice to have.

Extra challenge.

Draw a picture of a part of the story which takes place in Space. Add some detail to the picture. Talk to someone about your picture and tell them more about the details you have added.

Family Time

Create a space race board game to play with someone in your house. Here are some examples to give you ideas but you can use any ideas that you have. You could maybe base it on snakes and ladders or another game that you know?



French

These are the Planets in French.

Mercure
Vènus
La Terre
Mars
Jupiter
Saturne
Uranus
Neptune
le soleil
la lune

Try to pronounce them (use this YouTube link for help

<https://www.youtube.com/watch?v=vznJs4yNz7o>)

Draw the planets and write the French word beside them.

Here is a short song of the planets in French you can watch too.

<https://www.youtube.com/watch?v=9QjqrZibXIA>

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| Number work | Writing | Storytelling | Music |
|--|--|--|---|
| <p>Play some number games. Choose your challenge!</p> <p>MILD Play this with someone else in your house. Take turns to cover up numbers and the other person has to say what numbers are covered by the star. https://www.ictgames.com/mobilePage/saucerSorter/</p> <p>SPICY Choose your level of numbers from 20, 50 or 100 then work out the calculations either by taking away or adding on. https://www.ictgames.com/mobilePage/fireFly/index.html</p> <p>HOT Play this fast multiplication race online and be the first through 2 laps of times table questions! https://www.mathplayground.com/ASB_SpaceRaceMultiplication.htm</p> <p style="text-align: center;">↓</p> | <p>In writing you are going to make a list of 5 or 10 things you would take with you to the International Space Station. Think about things you might NEED and things that you WANT to have but you might not need but would be nice to have. e.g. I would need a toothbrush and it would be nice to have my favourite book.</p> <p>> Remember that a list should have a new line for each item.</p> <p>MILD - Write your list of things and draw a picture to go with each item.</p> <p>SPICY - Write your list in sentences. e.g. I would take a toothbrush. I would need a toothbrush.</p> <p>HOT - Write your list in sentences. Include a connective in each sentence to explain more. (Connectives you might use - but, because, so, however, then).</p> | <p>Nearly all teachers love to read stories. It is so much fun to make to words come alive and to see your happy faces watching the story build and to see your anticipation of what is to come next. It can sometimes be as much fun to read a story to someone else as to listen to one.</p> <p>Your challenge this week is to find a good story and try reading it out loud to someone else. Try changing the volume of your voice to create different emotions. If the character in the story is excited, try using your excited voice and if they're scared, use your scared one. It might be easier to focus on making it exciting if it is an easier book than you may sometimes read.</p> <p>Is there someone in your family or a friend who loves to hear stories, maybe you could read it to them. You could use online chat if they don't live in your house.</p> <p style="text-align: center;">I bet you can make someone smile with this task</p> | <p>There is a piece of music called The Planets by a composer called Gustav Holst (a composer is someone who writes music)</p> <p>Try and find it on you tube or spotify. Here is where I found it on youtube https://www.youtube.com/watch?v=Isic2Z2e2xs</p> <p>There are lots of pieces and some are very long. We'd like you to listen to a short clip (maybe 30 seconds to start) and ask yourself these questions.</p> <p>How does the music make you feel?</p> <p>Can you imagine it is a soundtrack to a space film, What do you think is happening? Is it a happy scene, or is something sad or exciting happening.</p> |

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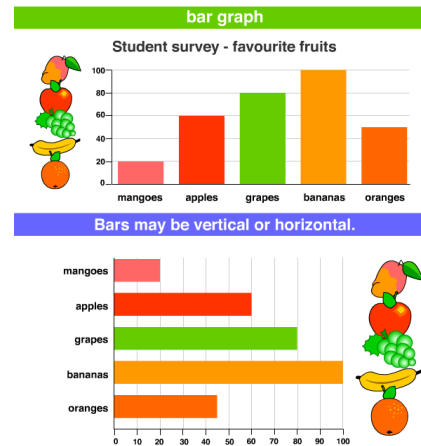
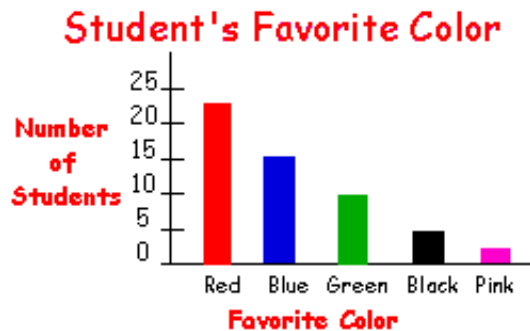
| | | | |
|--|--|--|--|
| | <p>Example - I would take a toothbrush because it would be important for me to brush my teeth.</p> | | <p>If you explore different parts of the music, you will answer the questions differently. Try skipping ahead a few times and asking each question again.</p> <p>This is a lovely activity to do in a quiet space where you can close your eyes and really concentrate. It feels funny at first but try and relax and let your imagination take you on a fabulous journey.</p> |
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Bar Graphs

Remember to put the following things onto your bar graph:

- *Title
- *Number scale - either in 2's, 3's or 5's depending on the number of people in your answers.
- *Label your axis - number of people and topic name or items.



What is a constellation?

A constellation is a group of visible stars that form a pattern when viewed from Earth. The pattern they form may take the shape of an animal, a mythological creature, a man, a woman, or an inanimate object such as a microscope, a compass, or a crown.

How many constellations are there?

The sky was divided up into 88 different constellations in 1922. This included 48 ancient constellations listed by the Greek astronomer Ptolemy as well as 40 new constellations.

Star Maps

The 88 different constellations divide up the entire night sky as seen from all around the Earth. Star maps are made of the brightest stars and the patterns that they make which give rise to the names of the constellations.

The maps of the stars represent the position of the stars as we see them from Earth. The stars in each constellation may not be close to each other at all. Some of them are bright because they are close to Earth while others are bright because they are very large stars.

<https://www.ducksters.com/science/physics/constellations.php>

Spelling link

<https://ferryhillprimary.files.wordpress.com/2020/04/spelling-homework-grid-home-learning.pdf>

Online Dice roller

<https://www.online-stopwatch.com/chance-games/roll-a-dice/>