

Year 5 HALF-TERMLY HOMEWORK MENU

Topic: Earth and Space

Term: Autumn 2

Name: _____

Statutory Spellings

We will be having regular quizzes in school. Make sure you practice them little and often!

This half terms words are:

achieve, ancient, leisure, mischievous, neighbour, soldier, variety, government, individual, parliament

Your child will also be sent home with a personalised list of previous CEW to practice.



Online Maths Weekly

Use Times Tables Rockstars



Use Mathletics weekly



Mathletics

We'll be watching and rewarding you for your efforts!

Topic Project Activities

(each of these will earn you a dojo point!)

- Do you think life exists on another planet? What do you think it would look like? How would it behave? How would it survive? Present your ideas however you choose. – **Please bring in by Monday 28th November ready for a class discussion**
- Build a rocket using materials you can find at home. Can you adapt what we learnt in science last half term to find a way to launch it?
- What 5-10 items would you take with you to space? Draw them in the suitcase and explain why you have chosen them.
- Create a space themed collage (it could be one planet, the solar system, aliens, asteroids etc). Use resources such as sweet wrappers, tinfoil, colour paper etc.
- Create your own space themed top trumps (use the template or create your own).
- Choose a significant person from space history and research them. Present what you have learnt in a way of your choice.
- Research a planet. Can you create an acrostic poem for it?
- Create a week long moon diary- draw a picture of how the moon appears each night.

Please do take a photo or video of any activities carried out at home and send them to me or bring in and place in the homework box.

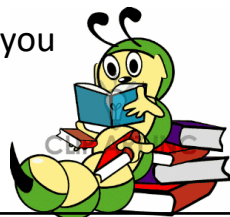
Reading

Don't forget to keep your reading diary up to date. Add comments, pictures – it is your diary!

Challenge:

Design a poster for the text you have read, to persuade other people to read it.

Write a prediction of what you think might happen next!



Times Tables

Practice your times tables regularly and link them to division facts.

e.g. $2 \times 8 = 16$ so $16 \div 2 = 8$



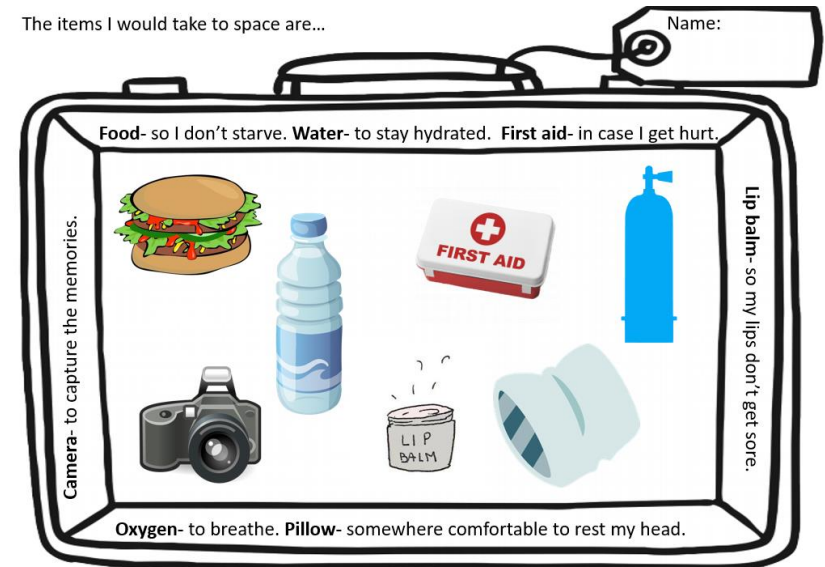
Examples and ideas:

Sixth planet in the solar system.
About 885 million miles from the sun.
Tan or Terish color.
Unable to support water or living things.
Round, rings surrounding the planet.
Nearly 300°F below zero F.



The items I would take to space are...

Name: _____



Some significant people in space history.

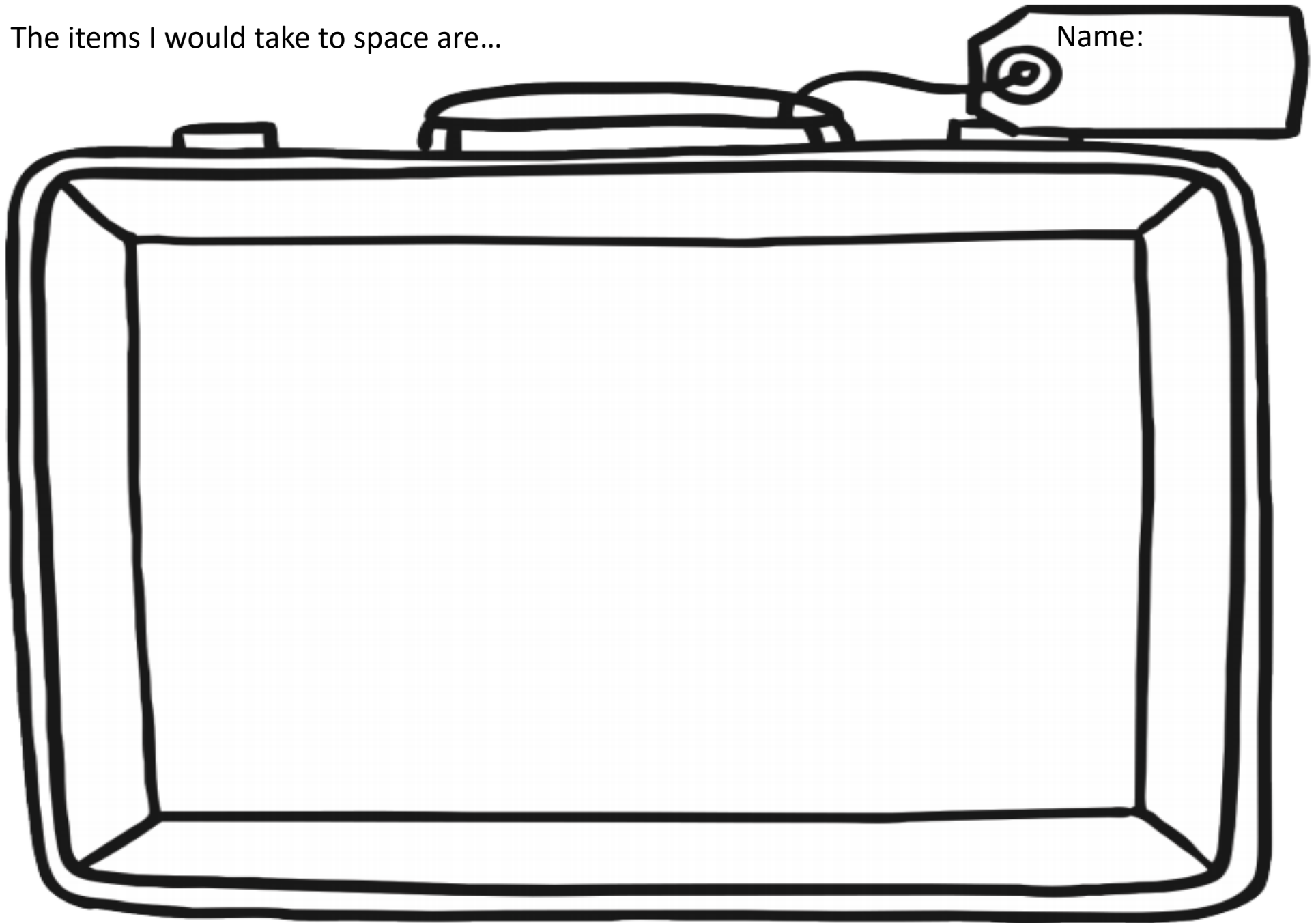
- Tim Peake
- Helen Sharman
- Margaret Hamilton
- Yuri Gagarin
- Valentina Tereshkova
- Neil Armstrong

<https://www.wikihow.com/Make-a-Baking-Soda-and-Vinegar-Rocket>

<https://www.youtube.com/watch?v=jjU1IAgRcQg>

The items I would take to space are...

Name:





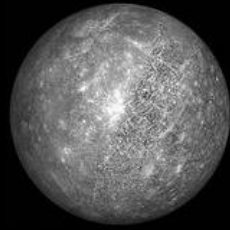
Mars

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Mercury

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Venus

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Earth

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Jupiter

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Saturn

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



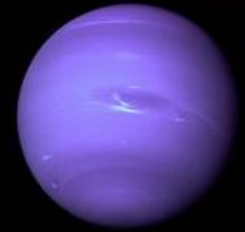
Uranus

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____



Neptune

Distance from Sun: _____

Orbit of Sun: _____

Number of moons: _____

Mass: _____

Give yourself 5 minutes to complete sheet 1 at the beginning of half term. Practice throughout the term. You could go on Times Table Rock Stars or teach your family how to play 'Buzz Beep' and practice with them. At the end of term you can give yourself a maximum of 5 minutes to complete sheet 2. Did you beat your score or time?

Sheet 1 Time _____ Score /39

$60 \div 5 =$ _____	$4 \times 3 =$ _____	$16 \div 4 =$ _____
$12 \times 4 =$ _____	$2 \times 5 =$ _____	$4 \times 4 =$ _____
$9 \times 5 =$ _____	$55 \div 5 =$ _____	$15 \div 3 =$ _____
$20 \div 5 =$ _____	$3 \times 8 =$ _____	$4 \times 7 =$ _____
$30 \div 5 =$ _____	$40 \div 5 =$ _____	$25 \div 5 =$ _____
$5 \times 2 =$ _____	$44 \div 4 =$ _____	$4 \times 2 =$ _____
$3 \times 5 =$ _____	$5 \times 8 =$ _____	$50 \div 5 =$ _____
$5 \times 11 =$ _____	$24 \div 3 =$ _____	$5 \times 4 =$ _____
$3 \times 6 =$ _____	$5 \times 3 =$ _____	$4 \times 11 =$ _____
$5 \times 10 =$ _____	$48 \div 4 =$ _____	$3 \times 1 =$ _____
$10 \times 3 =$ _____	$32 \div 4 =$ _____	$40 \div 4 =$ _____
$15 \div 5 =$ _____	$2 \times 4 =$ _____	$3 \times 2 =$ _____
$5 \times 1 =$ _____	$7 \times 5 =$ _____	$3 \times 9 =$ _____

Sheet 2 Time _____ Score /39

$12 \times 5 =$ _____	$16 \div 4 =$ _____	$3 \times 4 =$ _____
$1 \times 3 =$ _____	$4 \times 11 =$ _____	$4 \times 5 =$ _____
$30 \div 3 =$ _____	$1 \times 5 =$ _____	$11 \times 5 =$ _____
$11 \times 4 =$ _____	$48 \div 4 =$ _____	$5 \times 2 =$ _____
$20 \div 4 =$ _____	$8 \div 4 =$ _____	$8 \times 4 =$ _____
$15 \div 3 =$ _____	$4 \times 2 =$ _____	$5 \times 5 =$ _____
$5 \div 5 =$ _____	$3 \times 8 =$ _____	$7 \times 4 =$ _____
$10 \div 5 =$ _____	$35 \div 5 =$ _____	$9 \times 3 =$ _____
$3 \times 12 =$ _____	$5 \times 1 =$ _____	$5 \times 12 =$ _____
$4 \times 8 =$ _____	$5 \times 11 =$ _____	$7 \times 5 =$ _____
$27 \div 3 =$ _____	$3 \times 10 =$ _____	$4 \times 7 =$ _____
$20 \div 5 =$ _____	$4 \times 4 =$ _____	$3 \times 7 =$ _____
$4 \times 1 =$ _____	$7 \times 3 =$ _____	$6 \times 4 =$ _____

Suggested Spelling Games

- Draw a picture of your word
- Write/find a definition for your word
- Find a synonym for your word



Write your words in rainbow colours first write it in red then over the top in orange ect....



- Write a sentence with your word in.
- Can you write a sentence with more than one of your words in.



Make up a mnemonic for words you are having difficulty with.

because

big elephants can
always understand small
elephants

