Complete one homework task each week in your book.

# YEAR 5 SPACE AUTUMN TERM HOMEWORK

Please practise your weekly spellings and access TT Rock Stars to practise your times tables.

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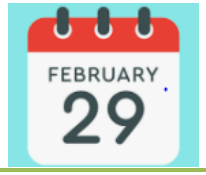
| Creative Thinkers | We have learned the names of the 8 Planets of the Solar System in class. But now we would like you go “deeper into space.” Can you research one of the planets to find out 5 facts (or more) about it? Maybe find out why Pluto is no longer recognised a planet? | Create a model that is relevant to the topic of Space? Maybe using play dough or plasticine or dare I say papier mache to illustrate the planets. There have been many fascinating machines built to get to space and to explore it. Can you be creative and replicate one? | Try to understand just how big space is. Can you create a scale model of the Solar System by laying out the 8 planets (using something spherical) in the correct order and trying to highlight the size difference of the planets and the correct distance that exists between them? |
| Independent Enquirers | We have learned about how the moon appears to be a different shape to us depending on its position during the 28 day orbit of the earth. Your task is to keep a moon diary for 7 days noting the shape and how it is changing? Can you include the correct terminology? Is it waxing or waning? (clouds might hinder this one though). | A leap year happens once every 4 years and we have an extra day (29th February). Try to work out the Science behind it?   | Earth is the only planet to have organic life present (as far as we know). Can you find out why is it that humans / organic life can’t survive on the other planets? |
| Reflective Learners | Write a diary entry as if you were Neil Armstrong and you had just returned to the ship to make your way back to Earthafter walking on the moon. | If you were going up to Space for 3 weeks, what 3 items would you take with you and why? | Try to remember what is orbiting what in Space and how long it takes to complete 1full revolution. We have covered this in class, but it is a perfect opportunity to consolidate your learning. |
| Team Worker | Create a demonstration using a torch / mobile phone light and a sphere to explain the concept of day and night to a member of your family. | Play the Space memory game. Choose an item that you would take to Space with you and share it. Then the next person must repeat your item and name one of their own. See how long you can keep it going for until someone forgets an item. | Create a game / quiz about Space that allows you to put your knowledge to the test and test your family’s. |