











| Y5 & 6 <i>Independent Homework Grid</i> <i>Out of this World</i> | <u>Knowing</u> | <u>Understanding</u> | <u>Applying</u> | <u>Analysing</u> | <u>Creating</u> | <u>Evaluating</u> |
|---|---|--|---|---|---|--|
| <u>Verbal</u> I enjoy reading, writing and speaking | Write an acrostic poem about one of the planets.  | Complete a factfile on Neil Armstrong or any other famous astronaut/cosmonaut. | Pretend you are an astronaut who has just discovered a new planet. Write a letter home to your family about the discovery. | Write a newspaper article announcing the first moon landing. | Write a story set in Ancient Greece. Include: a beginning, a build-up, a problem, a solution and an ending. | What is the value and importance of space missions? Construct your opinion and present it to the class. |
| <u>Mathematical</u> I enjoy working with numbers and sequences | Research how far away each planet in the Solar system is from the Earth. How long would it take you to travel to all of them? | Research two different things that were invented because of Space travel. | Work out the distance between each planet and the Sun in miles, kilometres and metres.  | Research and draw 3 constellations. Use the 'Star chart' app to help you if you can.  | Can you make a poster about the size of planets and how far away they are from Earth? | Find how big each of the planets are. Without using a calculator, work out the difference between the size of each planet and the Earth. |
| <u>Visual/Spatial</u> I enjoy painting and drawing | Design and draw a picture of what you think an Alien would look like. | Paint a picture of a planet.  | Make a set of 'Space' Top Trump Cards.  | Design and make a robotic machine (model!) to walk on the moon.  | Choose a Space picture that interests and intrigues you. Recreate it on paper using any materials you wish. | Make a 3D model rocket with a parachute to aid reentry. Evaluate its performance. |
| <u>Kinesthetic</u> I enjoy doing hands on activities, sports and dance | Imagine you had a time machine. What 5 questions would you ask the Ancient Greeks? | Draw and label a map of the countries involved in the Space race?  | Create a timeline of the History of Space travel with pop-ups!  | In Space, astronauts have to make sure they get the correct nutrients. Can you make a nutritious astronaut smoothie? | Research the phases of the moon and design a mini 'Moon Flick Book'. You should include a front cover, headings and any relevant information to each phase. | Create a model and explanation of how the earth spins on its axis as it orbits the sun. |
| <u>Musical</u> I enjoy making and listening to music | Make and perform your own piece of 'Space-themed' music. Use instrument/s of your choice. | Make a radio recording announcing the first ever Olympic Games. | Create a new mnemonic that will help others in the class remember the names of the planets and their order from the sun. Present it as a song! | Research and answer the question- Would you be able to hear music in Space? | Using an app (like iMovie) act out and record a video as though you are an astronaut going into Space | Listen to Gustav Holst's 'The Planets'. Which planet's music do you prefer? How does the music relate to this planet? |
| <u>Interpersonal</u> I enjoy working with others | Make a space mobile to hang in the classroom.  | Pretend you are a Space expert. Ask someone to quiz you to test your knowledge. | With a partner, make a Solar System model board  | Create your own device that measures 1 minute exactly, each time it is used. | With a family member, use scrap paper, foil, sweet wrappers and other materials around the house to create your own space collage. | Make an Ancient Greece themed board game. |
| <u>Intrapersonal</u> I enjoy working by myself | Find out facts about the space missions. What interesting facts can you present? | Create a "Moon Diary". Every night look at the moon and draw and describe what you see. | Prepare a lesson to teach the class about an aspect of Space you enjoy (Be ready to teach it!) https://www.bbc.co.uk/bitesize/topics/zkbbkqt | Watch and take notes on the BBC bitesize KS2 Earth and Space website. | Create and film your own news broadcast about discovering a new planet. | Keep a sky at night journal for a whole week. Write about or draw everything you can see in the sky. |

Hand-in Dates: 18th Sep, 19th Oct, 6th Nov & 27th Nov Each task ideally to be taken from a different row and column.