

Mount Merapi Class - Miss Mathews

Midnight Garden Class - Mr Dredge



GORSE HILL SCHOOL

Wednesday, 09 January 2019

Dear parents, guardians, carers and families,

Happy New Year and Welcome to Year 5 Term 3: Space!

This term, our learning will follow the theme of Space and in year 5, our focus will be on exploring space and forces. For details on each of the subject areas, please refer to our learning map on the reverse.

Timetable

The daily routine will remain the same as Term 2. PE will move back to Thursdays from Tuesdays. Skill Force will continue on Mondays. It continues to be vital that the children have PE kit in school on Mondays and Thursdays.

Home Learning

Home learning will continue as last term. There is a termly activity sheet, from which the children may choose between 4 and 8 tasks to do at any point during the term. Awards are given out based on how many tasks the children have completed from the sheet.

On top of this, there will be weekly spelling, times table and reading tasks which we will send home on a Friday.

We continue to have access to *Reading Eggs* and *Reading Eggspress* and we would encourage you to ensure that your child is using these great resources. These can form part of the reading homework. Please let us know if you have any problems with access and we will endeavour to resolve them.

Warmest regards,

Miss Mathews, Mr Dredge, Mrs Galvin, Mrs Banovic, Mrs Crook and Miss Cripps

SPACE!

Please complete between 4 and 8 activities from the grid and bring them into school at any point during the term.

Science

How are space suits made? What equipment do they need? Why do astronauts need them? Design your own space suite that would keep an astronaut safe in space. Draw a labelled diagram of your design.

RE

Investigate a story from any religion and create a story board to show the main parts of the story, using pictures and sentences. Write what you think we could learn from the story, even if we don't follow that religion.

Space Topic

Find out some information about space exploration. See if you can find any pictures of things that have been found in space.

Draw a picture or bring a picture in with what you have found out.

Art

Create a space themed printed repeated pattern. To print, you could use a carved vegetable, finger painting, a sponge or anything else you can think of.

Education City

We have set some activities up on Education City. Using your login details, access the activities and have a go! You don't need to bring it in because we can see what you have done online.

Writing

Write a description of something in space (e.g. a planet, a nebula or a satellite) Remember to use expanded noun phrases, prepositions, precise vocabulary and conjunctions.

Values and Goals

Write a New Year's resolution that you intend to keep to help you with your learning at school. Ask someone at home to check that you are keeping it.

Internet Research

See what you can find out using *KidRex* about the planets in our solar system. Create a poster of the information you have found out to present to the class.

Writing:

- Write a diary in role considering characters' emotions, thoughts and reflections
- Write a biography of a historical figure
- Know when to change paragraphs to show change of place, time, event, character or topic
- Use relative clauses to add detail and precision to description
- Use modal verbs to express degrees of possibility
- Use a range of simple, compound and complex sentences, using accurate punctuation.
- Understand the difference between formal and informal writing
- Punctuate parenthesis accurately

Reading:

- Discuss and explain the meaning of texts read with others and independently
- Explain the meaning of words in context and how they add meaning to the text
- Retrieve main ideas from more than one paragraph
- Study and infer meaning from a novel (Floodland by Morris Sedgwick)

Science - Forces:

- Can they explain the impact of drag force on moving objects?
- Can they present a report of their findings through writing, display and presentation?
- Can they explain how force and motion can be transferred through gears, pulleys, levers and springs?

Science - Earth and Space:

- What do we already know about the Solar System

SPACE

Year 5 Term 3 Topic Map

This term our topic is, "SPACE!"

Our learning will be focussed around space exploration but we will also be thinking about the

History - The Space Race

- Can they create a timeline of space travel?
- Can they use secondary sources to find out about the past?
- Can they understand the role of Great Britain in the advancement of space travel and exploration?

PSHE and Values:

We will be investigating our dreams and goals, and looking at forgiveness and courage.

RE:

We will be investigating stories from Sikhism.

Art-printing

- Can they research the life and work of an artist and use this as inspiration for their own work?
- Can they create a motif inspired by space?
- Do they persevere through different stages of the process?
- Can they print a repeating pattern, considering the use of colour?

Music:

Pupils will continue with their weekly music sessions with Swindon Music Service. They will continue to learn to play a brass instrument.

Maths:

Number - Multiplication and Division:

- Revisiting mental multiplication strategies
- Formal multiplication strategies
- Formal division strategies
- Understanding remainders

Fractions

- Understanding what fractions represent
- Comparing and ordering fractions and mixed numbers

Statistics

- Revisit reading and interpreting line graphs
- Converting units of time

Computing - Using the Internet and presenting information

- Can they combine sequences of instructions and procedures to turn devices on or off?
- Do they understand input and output?
- Can they explore 'What if' questions?
- Can they write programs that have sequences and repetitions?

PE - Skill Force

Children will have one PE lesson a week with the Skill Force team to develop skills in teamwork and outdoor adventurous activities

PE - Invasion games

Children will have one other PE lesson a week. They will be learning to:

- dribble
- attack
- defend
- pass
- use tactics