

Curriculum subjects

I'm hoping that the summer term will allow us more opportunities for outdoor learning, across our subjects. I continue with my high expectations for each child and would like to work in partnership with parents. So, if you have any comments about your child's learning, please get in touch.

Topic: Mission to Mars

English

This term our learning will be based around a book entitled "Mars needs Moms", as the basis for our focus on recount texts, including newspaper reports and letter writing. We will also extend our skills in narrative writing.

In grammar and punctuation we will continue to focus on opportunities to use the passive and perfect forms of verbs, employ different forms of parenthesis within sentences and use semi-colons in place of co-ordinating conjunctions. In spelling we will look at how the -ate, -ise and -ify suffixes enable some nouns and adjectives to be changed into verbs and continue to strengthen our ability to discriminate the spellings of homophones..

Mathematics

This half term we are building our skills working with angles around a point and on a straight line, classifying, comparing, ordering, measuring and creating different types of angle. In mental maths we will continue to keep all our core maths skills ticking over efficiently, becoming more confident manipulating larger numbers.

Science

The Earth in space forms the main part of our topic, where we will be understanding about our place within the Solar System, and getting to grips with how rotation and orbits create some of the fundamental patterns of daily life.

The topic gives us opportunity to investigate the force of gravity, developing our skills around

- *Devising questions which can be tested.*
- *Making predictions based on our own knowledge and understanding of the world.*
- *Recording our findings in different ways*

Design and Technology

Towards the end of this term, we will be designing and making solar powered cars or 'moon buggies'. Within our design work we will be:

- *Planning in detail against a set of design criteria*
- *Selecting from a range of tools*
- *Practising practical skills such as measuring, cutting, shaping and joining*
- *Exploring mechanisms such as axels, wheels and gears*
- *Learning how solar energy can be converted to electricity.*
- *Evaluating our finished buggies*

Computing

Using our Crumble software, we will be learning to design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems. We will apply this knowledge into our "moon buggies".

Religious education

We are returning to our study of Hinduism, examining how the beliefs of Karma, Samsara and Moksha affect how Hindus lead their lives, comparing and contrasting this with Christian beliefs.

Modern Foreign Languages

In French we will complement and make cross-curricular links with the children's work in Science by learning about the solar system, describing the planets and study a story of Doctor who in space (le Docteur dans l'espace).

Physical Education/Games

We will take advantage of the improving weather by developing athletics skills, working initially on building rhythm, balance and stamina for running-related athletics activities. In addition, we continue with our Real PE strand, developing both dynamic balance skills and the social skills of motivating, involving and collaborating with others.

Personal, social and health education

We will be exploring the different ways we are involved in our community, looking at the duties, responsibilities and rights that relate to our involvement.

Music

This half term the class will be linking their learning to the class topic of the Moon Landing. The class will be focusing on the dimensions of texture and structure in music. The class will be composing a four part "Moonscape" piece of music which will be performed as one. The class will also be listening to "Mare Tranquillitatis" by Vangelis – a sound picture of the first moon landing.

Learning Skills

The learning opportunities within our topic this term mean that we will focus in particular on Working Together.

Other Information

Homework

- 30 minutes of reading per night, to be logged in reading records at least 5 times a week.
- Minimum 45 minutes Maths-based per week
- Minimum 45 minutes English-based per week including spellings to learn.

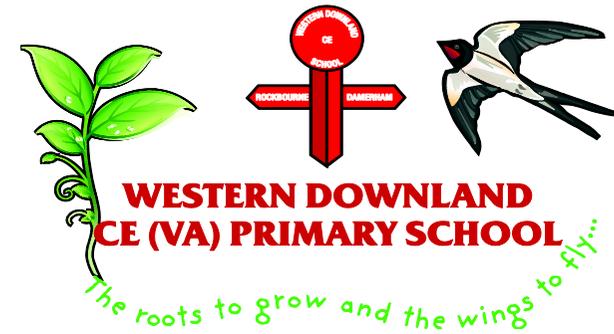
Normally, homework will be set on a Friday and then collected in on Tuesday. Homework task-sheets will be put into the children's homework books when homework is set and work will be completed in their books and handed in. It is expected that homework will be completed neatly and that due care and attention will be paid to presentation.

PE kit

Your child will need a PE kit every Monday and Friday

Dates for your diary:

Sponsored Walk 26th May
Year 5 Residential Trip 5th – 7th June



Year 5

Curriculum Newsletter
Summer Term 1
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Mr. Richard Thackray