



IPC Unit Study

Year 6

These units of work are part of The International Primary Curriculum. This new curriculum sets out very clearly what children will learn – the learning goals in three different areas:

- The subjects of the curriculum. The learning goals for each of these subjects are at least as challenging as anything taught in the curriculum taught in your child's own country. In many cases, the learning goals are more challenging.
- Personal development – the characteristics which will help children become responsible, independent learners.
- International understanding – which will help children develop both a sense of the independence of their own country and culture and the interdependence between countries and cultures.

Each unit of work is based around specific targets derived from the learning goals for one or more of the subjects.

Theme: Astronomy – Our Place in Space

During this unit we will be focusing on History, Information and Communication Technology and Science. We will be concentrating on the Earth, its Moon and Sun although we might take this a little further and look at the planets of the solar system and even the other stars in our galaxy.

In History, we will be:

- Learning about what people once believed about space
- Finding out how they changed their minds
- Discovering why Galileo got into trouble

In Information and Communication Technology, we will be:

- Using the Internet to carry out some of our research and to see space in the new way

In Science, we will be:

- Learning about the movements of our Earth, the Sun and Moon, and how these movements affect us

Theme: Living Thing and Space Environments – A Mission to Mars and Beyond

During this unit we will be focusing on Science, Technology, Physical Education and International Understanding.

In Science, we will be finding out about:

- How to grow seeds and plants which may be suitable for providing our food on Mars
- How to stay healthy
- How we could get our energy from renewable energy sources on Mars
- What materials we could use to build a space station

In Technology, we will be:

- Designing and building a model of a space station using appropriate materials
- Using step by step plans to build a 3-D model
- Responding to identified needs of the community and restrictions set by environmental conditions
- Testing, evaluating and improving your work

In PE, we will be finding out about:

- How to stay healthy in an extreme situations (e.g. in a small space with little water available)
- How physical activity affects the body
- How to plan performances

In Society, we will be finding out about:

- The sorts of people and skills that are needed to build a successful community
- The responsibilities we all have living in a community

In International, we will be finding out about:

- Pollution and overcrowding
- How to write an International Treaty for the Mars colony

All of the work we are going to do has been specially written to help your child reach the learning goals. Children will be reading, researching, writing, illustrating, working on their own and working in groups. We will be checking how well your child has learned through particular activities by asking children to explain their work, perhaps to you.

We already know the interest you take in your child's work. If you can, please discuss with your child the work that they have done as the term progresses and let them teach you if they can. If your child has some work to research, please help them – but without actually doing the work!

By the end of the units, we hope your child will have achieved all the learning targets. We hope they have had an enjoyable time in the classroom and we hope you have enjoyed seeing your child work with enthusiasm. If you have any comments about the work your child has done, please get in touch with the class teacher.