

## Class 2

### Autumn Term Topic Web.

#### *Space, robots and aliens.*



#### History Geography

Space travel-astronauts-Yuri Gagarin, Neil Armstrong and Tim Peake. Countries with space travel, draw a space map and plan routes. Environmental differences Moon/Space and here.

#### Art /Design and Technology

To design and make robots, aliens and spaceships from junk materials using various fixing materials. Looking how to make structures stronger, stiffer and more stable. Cooking-space rock cakes. Moonscapes large planets.

#### Computing

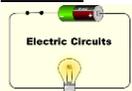
Using the lego control program to make a robot move or part of a spaceship. Phonics games on the netbooks, using word processing and researching using the



internet.

Grid learning will be based upon a range of topical activities covering all subjects. The aim of this is always to foster independent learners, developing their own learning skills, motivating themselves to think creatively and lead their own learning.

#### Science



Children will be encouraged to observe the world around them and raise their own questions describing weather associated with the seasons and how day length varies. We will also make circuits and look at the planets. Identify different light sources, including the sun, know

darkness is the absence of light, investigate best material for blackout glasses. Explore astronaut food by removing and adding water. Know what living things need to survive. Investigating forces and gravity.

#### Mathematical Development

Following the scheme of work from Active learn the children will study the following Autumn programmes. Number work will be counting, reading and writing numbers to 100, counting in steps of 2,3, 5 and 10, identify numbers one more and one less. Recognise the place value of each digit in a two digit number. Use the language of: equal to, more than, less than, most, least and use number lines. All lessons will have practical tasks, with hands on real life problems and open ended investigations, learning will be differentiated to suit individual learning.



#### Literacy

Writing recounts, lists, labelled diagrams, captioned pictures, fact files, instructions, non chronological reports, poems, diaries and narrative stories.

We will continue our SPAG/phonics focus with daily lessons in smaller groups, so as to achieve secure phonics knowledge. Weekly spellings will be given to support the phonics. Handwriting will continue to focus upon secure letter formation through to quick and fluent joining of letters. There will continued group and individual reading sessions, so as to use questioning to assess comprehension as well as decoding techniques. Stories from fantasy worlds-Xargle, Here Come the Aliens, Aliens Love Underpants, Beegu and Whatever Next.



#### Personal, Social and Emotional Development

The whole school will be following an Anna Seal programme focussing on protective behaviours and staying safe. We will also be looking at getting on with



others.

#### Physical Development

We will be looking at developing the children's skills, throwing, catching, running, and jumping. In gymnastics we will be developing agility, balance and co-ordination on the floor and using the hall apparatus. Children will take part in a range of team games to encourage listening skills, co-operation, tactics and rules.



#### Music

Long and short sounds-fireworks. Listening to space sound effects. Listen to Holst's The Planet's suite create your own piece.

#### RE

We will be focusing upon Christian stories in class collective Worships. This will lead up Advent and Christmas. They will continue to learn about other major world religions, focusing upon Sikhism.



We are planning a trip to The Space Centre to support our learning.

**If you have any questions, please come in and speak to Mrs. Perkins or Mrs. Corrigan. Thank you for all your support throughout the year.**