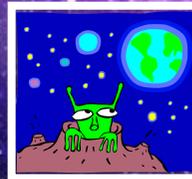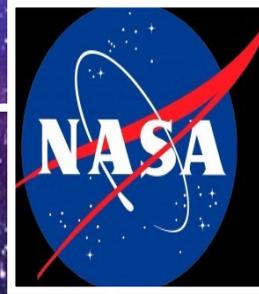# 5LC - What's on Space - to infinty and beyond

As _**historians**_ the children will learn about the history of space exploration and time key events. The children will learn about the 'Space Race 'of the 1950's and 1960's.
We will write a biography of key individuals from the history of space exploration.

As _**computer scientists**_ we will be working, using the scratch coding program, to create a work game. We will use key algorithms to give specific commands in order to make fully working space game.
The children will have to learn to be resilient in order to debug and solve problems along the way.

As _**musicians**_ we will be listening to, appraising and signing different songs.
The children will listen to a variety of space related pieces of music, they will ap-
praise
them and
explain the
things

Key question for our theme:

What was the Space Race?

Who was the first person in space?

What is the solar system?

How are night and day caused?

Do forces work in space?

PE:

We will begin our _games_ and _dance_ unit's units of work.

Please remember to bring your PE kit on a Monday and take it home on a Friday.

Outdoor PE kit:

As the weather is due to change we will be going outside to do so you will need. However, you may still need some warm clothing including:

As _design technologist_ we will build our own rockets. We will use the internet to research different designs from the history of space exploration.

After creating a prototype the children will evaluate and edit their original designs.

The children will then investigate air resistance in order design a rocket which will travel furthest.

As _scientists_ we will be studying _space_. We will explore the galaxy and learn about the different planets in our solar system. We will learn about how the Earth, moon and sun are connecting. The children will be able to demonstrate how night and day occur.

We will also be learning about gravity and how it affects us. In addition we will be learning about other forces that act upon us.