

*"There are billions of planets similar to Earth that might potentially support life in our galaxy alone!"*

# EXPLORING NEW LANDS

Year 4 - scientific investigation



## EXPLORING NEW LANDS

# The Mission to Eudora

Your group is part of a scientific investigation. You have arrived on an earth-like planet and you are going to look at the wildlife there.

This planet is far away from our own solar system and it has taken you many years to get here.

You do not have long on the planet. You need to find out as much about the life forms here as you can. There is a range of different habitats and many different and amazing life-forms exist on this planet.

Each member of your team will have to complete a number of key tasks. These have to be done as well as possible so that you can share your findings with the other members of the expedition.



Views of the planet Eudora



# The Mission to Eudora .. cont.

## **New Life-forms Found**

**Your group finds three amazing and interesting life-forms. These have never been seen before, they are totally new to science. They are ...**

- 1. A large land creature**
- 2. A medium sized flying creature**
- 3. And something that could not exist anywhere else but here.**

**You are going to look in great detail into the biology of these creatures.**

- The form, shape and size.**
- Habitat, habits and diet, reproduction**
- How it is adapted to its environment**

**And make a detailed report to be shared with your colleagues. (See task sheets)**

# New Life Forms Found!!

## Designing your creatures with IVT

Design your creatures one at a time ...

FOCUS your mind on the big question:

"What have we discovered about this creature?"

N.B.

Check your environment mat for words and ideas to help in making decisions here!

### Gather

GATHER all your ideas about this creature onto yellow Magnotes—ONE idea per Magnote—than put them all onto the board.

### Organise

ORGANISE the ideas. Which ideas go together well? You can now make decisions about what your creature will be like..

### Understand

You will now UNDERSTAND your creature. Now draw it, make diagrams of it, talk about it and write about it in considerable detail.