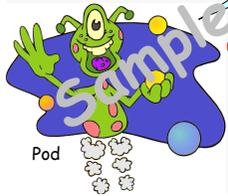


Pod has been teaching Dusty about **explanations** and why we need them.

Why do we need **explanations**?

Can you remember why?



Pod



Dusty

Did you remember?

Explanations tell us **how** something happens.

Explanations tell us **why** something happens.

Explanations tell us **how or why** something works.



Pod



Dusty

Dusty decided he wanted to write an **explanation** for his robot friends at home.

How should I start?

First of all, choose something to write about that you understand and can explain to others.

Pod suggested.



Pod



Pod always asked helpful questions that made Dusty think.

What are you going to **explain** in your explanation text?

Pod asked.



Pod



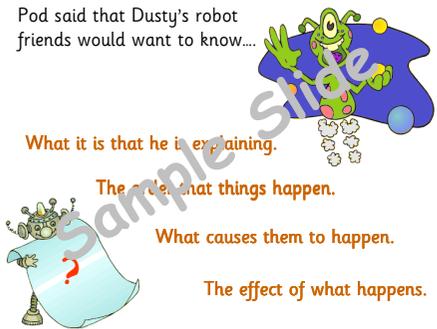
Pod said that Dusty's robot friends would want to know....

What it is that he is **explaining**.

The **cause** that things happen.

What causes them to happen.

The effect of what happens.



Dusty thought carefully. What could he write his explanation about?

You need to start with a question – a **how or why** question.

Pod suggested.



Dusty knew about how fish breathed so, he'd write an explanation about that.

You need a good **title** so your friends know what you are explaining.

Pod suggested.



After a bit more thinking, Dusty had a **title** .....

**How do fish get oxygen from the water?**

Now you need to think of an **introduction**.

Pod suggested.

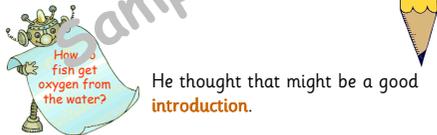


Dusty knew what he wanted to say.

**Fish are living things and, like all living things on Earth, they need oxygen or they can't survive. Fish need to get oxygen from the water they swim in. Would you like to know how fish get their oxygen from the water? If you read on you'll find out.**

How do fish get oxygen from the water?

He thought that might be a good **introduction**.



Dusty had decided on his **title** and his **introduction** but now what did he need to do?

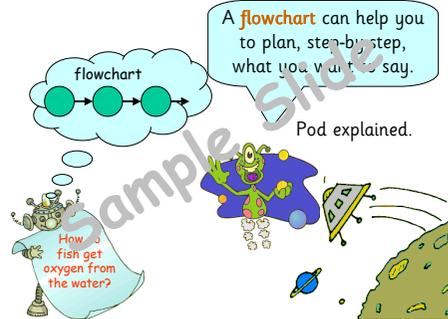
You could make a **flowchart** to help you get started.

Pod suggested.

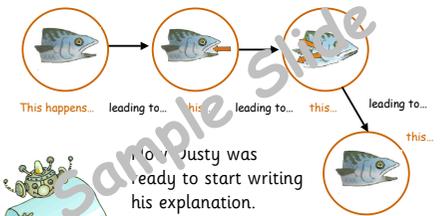


A **flowchart** can help you to plan, step-by-step, what you want to say.

Pod explained.



Dusty thought about how his **flowchart** might look.



Now Dusty was ready to start writing his explanation.



**How do fish get oxygen from the water?**

**Fish are living things and, like all living things on Earth, they need oxygen or they can't survive. Fish need to get oxygen from the water they swim in. Would you like to know how fish get their oxygen from the water? If you read on you'll find out.**

Fish don't have lungs like people and animals do but they can still get oxygen from the water. Instead of lungs, fish have **gills**. Gills are found behind the fish's eyes.

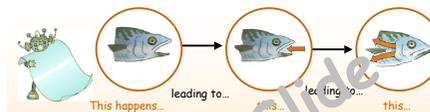


gills



When a fish opens its mouth, water goes in. The water has **oxygen** in it. Water and oxygen go through the fish's **gills**.

The **gills** trap the oxygen out of the water so that it can be used by the fish's body to make energy. Then the water is forced back out through the gills, back into the pond.



The fish keeps opening its mouth and swallowing water and the water goes on going through its gills. The gills keep on filtering the oxygen out of the water and the fish's body uses the oxygen to make energy.

**That's how fish get oxygen from the water!**

Dusty was quite proud of his explanation. He thought it was quite good for his first try.

What do you think?

Do you think his robot friends would understand how fish get oxygen from water?



Do you think Pod would be happy with his explanation or do you think he'd help him change it a bit?

