Systems in the natural world are interconnected.

There are different components in an ecosystem.

Ecosystems vary around the world.

Significant events affect the balance of an ecosystem.

At home you can help by:

- Watching environment documentaries on television e.g. David Attenborough and discussing the connections between the animals, plants and environment in them.
- Visiting any natural areas close to your home such as bush parks, etc and discussing what you find.
- Borrowing books from the local library on the topic of ecosystems or environments and discussing these with your child.

Central Idea

The natural world is a series of interconnected systems.
In the PYP, science is viewed as the exploration of the biological, chemical and physical aspects of the natural world, and the relationships between them.

### Knowledge
**WHAT DO WE WANT STUDENTS TO LEARN?**

Through investigation of ecosystems and the different environments in which they are sustained, students will learn that plants, animals and environmental factors all play a vital role in sustaining life. They will also appreciate the impact of significant events on ecosystems.

### Skills
**WHAT SKILLS WILL BE DEVELOPED THROUGH THIS INQUIRY?**

**Thinking skills:** Through this inquiry, students will develop their ability to think, making connections between what they know and learn to develop new understandings.

**Research skills:** Students will develop their skills as scientists; posing questions, developing theories, observing and collecting data then communicating their findings.

### Attributes
**HOW DO WE WANT STUDENTS TO ACT?**

Students will inquire with curiosity, demonstrating appreciation for the natural world. They will acquire knowledge and become thinkers as they consider the impact of events on the fragile condition of many different ecosystems.