



At home you can help by:

- Discussing the inquiry with your child
- Discussing what living and non-living things are
- Exploring the backyard at home
- Planting a veggie patch
- Helping with the watering of the plants/veggies in the garden



How the World Works



1, 2, 3 Grow!

An inquiry into the natural world - how humans use their understanding of scientific principles

Prep – Term 4
2014

CENTRAL IDEA:

Living things have needs in order to grow and survive

LINES OF INQUIRY

- There are differences between living and non-living things
- All living things have needs in order to survive
- Living things have life cycles that change over time as they grow
- Natural cycles can be affected by external factors



PYP CONCEPTS

Function: How does it work? An investigation into the special activities, properties or purposes, natural or endowed, of a creature or thing.

Change: How is it changing?

Change is an inevitable aspect of the physical world as things become different or pass from one form to another. It can be natural or brought about and accelerated by outside influences.

RELATED CONCEPTS

- Conservation
- Ecology
- Sustainability
- Consumption

Teacher Questions

- How do you know something is living?
- What is a life cycle?
- What do living things need in order to survive?
- What differences do you see in the growth of plants over time?
- What differences do you see in the growth of animals over time?
- How do seeds fit into the growth cycle of plants?
- Can you predict what would happen if a living thing didn't have water/light etc?



During this unit your child will participate in the following activities to enhance their inquiry:

- Chicken hatching program with Living Eggs
- Baby bunnies
- Growing plants
- Class garden
- Wonderings/ Discoveries/ Action Wall
- Procedural writing activities
- Information Report writing
- Labelling diagrams (lifecycles)
- Developing vocabulary during literacy sessions
- Measurement activities
- Time and sequencing activities (ie. plants and animals do different things at different times of day.)
- Data collection/Graphing of information
- Mobile Farm
- Milking a cow