

Growth and Survival : Science : Year 2

	Learning Objective	Overview	Assessment Questions	Resources
Lesson 1	To find out about the offspring of a variety of different animals.	Children will consider why animals have babies, then match parent animals to their offspring.	<ul style="list-style-type: none"> Do children know that all animals, including humans, have offspring that grow into adults? Can children match a variety of adult animals to their offspring? Do children know that growth from offspring to adult is a gradual process? 	<ul style="list-style-type: none"> Slides Worksheet 1A/1B/1C Picture Cards A/B/C/D
Lesson 2	To find out about the different ways in which animals reproduce.	Children will begin to learn about how animals who give birth to live offspring, and those who lay eggs, reproduce. They will then match and sort animals according to various criteria.	<ul style="list-style-type: none"> Do children know that animals have offspring that grow into adults? Can children describe some of the different ways animals have offspring? Do children know that not all animals reproduce in the same way? 	<ul style="list-style-type: none"> Slides Worksheet 2A/2B/2C/2D Information Sheet Animal Cards (FSD? activity only)
Lesson 3	To explore how humans grow as they get older.	Children will learn about ways in which the body grows over time, then either describe some changes in their own words, or conduct a height investigation.	<ul style="list-style-type: none"> Do children know that humans grow as they get older? Do children know that body parts will grow in proportion? Can children describe the stages of human development? 	<ul style="list-style-type: none"> Slides Worksheet 3A/3B/3C/3D Tape measures/metre rulers (FSD? activity only)
Lesson 4	To find out what animals, including humans, need to survive.	Children will think about the basic needs of animals, such as eating, drinking and breathing. They will consider how these needs vary between species, then explain the needs of various animals in their own words.	<ul style="list-style-type: none"> Do children know that all animals, including humans, need food to survive? Do children know that all animals, including humans, need water to survive? Do children know that all animals, including humans, need air to survive? 	<ul style="list-style-type: none"> Slides Worksheet 4A/4B/4C/4D Challenge Cards (FSD? activity only) Various sources of information, e.g. books, internet, fact sheets from pet stores, etc. (FSD? activity only)
Lesson 5	To explore the environment as a factor of survival for animals, including humans.	Children will learn about ways in which habitats provide some things that animals need, and how animals are best suited to specific environments.	<ul style="list-style-type: none"> Do children know that animals need air, water and food to survive? Do children know that an animal's survival often depends on its environment? Can children suggest reasons for why a species might become extinct? 	<ul style="list-style-type: none"> Slides Worksheet 5A/5B/5C/5D Research Cards (FSD? activity only) Variety of information sources (FSD? activity only)
Lesson 6	To find out how to eat a healthy, balanced diet.	Children will learn about foods: which are more/less healthy, then either sort foods, or plan, prepare and describe some healthy foods.	<ul style="list-style-type: none"> Do children know why we eat and why it is important to eat a balanced diet? Do children know which foods we should eat most and least of? Can children suggest meals that would be good for them? 	<ul style="list-style-type: none"> Slides Worksheet 6A/6B/6C/6D Picture Cards Balanced Plate sheet Food Pyramid sheet Variety of fruits and vegetables (FSD? activity only)
Lesson 7	To find out why exercise is important to keep our bodies healthy.	Children will consider the importance of exercise, and how different exercises, sports and activities affect different parts of the body. They may then either undertake a sorting activity, or plan a course of exercises.	<ul style="list-style-type: none"> Do children know that exercise is an important part of keeping our bodies healthy? Can children identify some of the changes that take place in our body when we exercise? Can children name various ways they can exercise different parts of their bodies? 	<ul style="list-style-type: none"> Slides Worksheet 7A/7B Picture Cards PE equipment, e.g. bean bags, hoops, etc. (FSD? activity only)