

# EARLY STAGE 1 NSW SYLLABUS LINKS



### **ES1 FOCUS AND INQUIRY QUESTIONS**

### Characteristics and basic needs of living things

Inquiry question: What do we notice about living things?

Students:

- Recognise that living things have basic needs including air, food and water (ACSSU002).
- · Compare the basic needs of some plants and animals.
- Participate in guided investigations to identify living things and the external features of plants and animals in the local environment.
- · Communicate findings of observations of living things in their environment\*.

**Outcomes:** 

**Living World** 

STe-3LW-ST: Explores the characteristics, needs and uses of living things.

Skills:

Working scientifically, design and production.

**STe-1WS-S:** Observes, questions and collects data to communicate ideas.

STe-2DP-T: Develops solutions to an identified need.

\*Cross-curriculum links can also be made to Literacy, Numeracy, Critical and Creative Thinking, Systems Thinking, Scientific Thinking, Intercultural Understanding, Civics and Citizenship, Design Thinking, Sustainability, Ethical Understanding.

https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/science/science-and-technology-k-6-new-syllabus/learning-across-the-curriculum

Additional KLA outcomes and skills may be achieved dependent upon which pre- and post-excursion activities are conducted.





Discuss different external characteristics of animals and brainstorm the purpose behind some of them (e.g. thick fur to keep warm).



List some of the animals the students will see and brainstorm facts that they already know, as well as aspects they hope to find out.



Discuss different habitats and the need for shelter (protection, warmth, etc).



Animal study (English/ SciTech)

Choose an animal from the Wildlife Park to draw and write about. This can be a brief one-off lesson, or a more in-depth unit with scaffolding to help name/label the external features of the animal. It can be a brief observation description or be developed into an information report. This activity can be done individually, in pairs/groups or as a whole class. Students can also create a poster with a labelled diagram/short description of that animal's physical characteristics and present it to the class for a public speaking assignment. Students can also write a narrative about the animal.

Compare and Contrast (English/ SciTech)
Choose two animals from the Wildlife Park to compare and contrast (e.g. physical appearance, habitat, predators, food, offspring, etc).

Graphing Favourite Animals (Mathematics)

Conduct a class survey to establish the favourite animals from the excursion.

Graph the results as a column graph.

Book study (English/Literacy)

Students read short stories based on animals seen at the Wildlife Park and tie this in with the school's literacy program. Books can also be used to integrate learning about the cultural importance of animals to the First Nations peoples (e.g. Dreamtime stories).

Artworks (Creative Arts)

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Create an artwork of an animal using collage, paint, clay, etc in a realistic, cartoon-like or abstract way. This can be tied into studies of First Nations' art styles.

Learn songs or dances (Creative Arts)

Students can learn or listen to songs about different animals and perform animal-related dance actions. Students can also use body percussion or simple instruments to mimic animal sounds.

Students can do improvisation activities, mimicking different animals. This can be extended to role plays demonstrating interactions the animals might have with humans or other animals.

**Drama (Creative Arts)** 

### STAGE 1 NSW SYLLABUS LINKS

### STAGE 1 FOCUS AND INQUIRY QUESTIONS

### **External features of living things**

Inquiry question: What are the external features of living things?

#### Students:

- Describe the external features of a variety of living things (ACSSU017)\*
- Identify and group plants and animals using their external features, for example: native and introduced plants and animals, worms, insects, fish, reptiles, birds and mammals.

### Living things live in different places

Inquiry question: How can we improve a local environment to encourage living things to thrive?

#### Students:

- Identify that living things live in different places that suit their needs (ACSSU211).
- Design and produce an environment to cater for the needs of a living thing, for example: encourage the return of a living thing to a local habitat.

### Living things change

Inquiry question: How do living things change as they grow?

### Students:

- Explore how living things grow, change and have offspring similar to themselves (ACSSU030).
- ST1-1WS-S: Observes, questions and collects data to communicate and compare ideas.

#### **Outcomes:**

- ST1-2DP-T: Uses materials, tools and equipment to develop solutions for a need or opportunity.
- SST1-4LW-S: Describes observable features of living things and their environments.

### **Working Scientifically**

### Planning and conducting investigations

#### Skills:

- · Collect data from observations, record observations accurately and honestly using
- observational drawings, labelling, informal measurements and digital technologies (ACSIS026, ACSIS039).
- Compare observations with those of others (ACSIS041, ACSIS213).
- Develop collaboration skills to effectively conduct investigations.

https://educationstandards.nsw.edu.au/wps/portal/nesa/k-10/learning-areas/science/science-and-technology-k-6-new-syllabus/learning-across-the-curriculum

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Animal study (English/ SciTech)

Choose an animal from the Wildlife Park to draw and write about. This can be a brief oneoff lesson, or a more in-depth unit with scaffolding to help name/label the physical features of the animal. It can be a brief observation description or be fully developed into an information report. This activity can be done individually, in pairs/groups or as a whole class. Students can also create a poster with a labelled diagram/short description of that animal's physical characteristics and present it to the class for a public speaking assignment. Students can also write a poem or a narrative about the animal.

Human Impact on Habitat study (Geography/ English)

Brainstorm the human impacts on an animal's habitat (e.g. land clearing, rubbish, water pollution, etc). Work in pairs or groups to come up with ideas that could help protect the animal's habitat. Students can demonstrate these ideas by making a poster reminding people not to litter or writing/videoing a message to the local council urging them to protect natural areas. This can also tie in with a unit on persuasive writing.

**Measurement Activity (Mathematics)** 

Conduct a class survey to establish the favourite animals from the excursion. Graph the results as a column graph.

Compare and Contrast (English/ SciTech) Choose two animals from the Wildlife Park to compare and contrast

(e.g. physical appearance, habitat, predators, food, offspring, etc).

**Graphing Favourite Animals (Mathematics)** 

Students compare their height, weight, leg length, etc to various animals using formal and informal measurement tools.

Book study (English/Literacy)

Students read short stories based on animals seen at the Wildlife Park and tie this in with the school's literacy program. Books can also be used to integrate learning about the cultural importance of animals to the First Nations peoples (e.g. Dreamtime stories).

Country Study (Geography/History/HSIE)

Students can learn about the geography and culture of a country where an animal comes from. This can tie into the learnings about habitats and endangered animals.

**Artworks (Creative Arts)** Create an artwork of an animal using collage, paint, clay, etc in a realistic, cartoon-like

or abstract way. This can be tied into studies of First Nations' art styles.

Learn songs or dances (Creative Arts) Students can learn or listen to songs about different animals and perform animal-related dance actions. Students can also use body percussion or simple instruments to mimic

animal sounds.

Drama (Creative Arts)

Students can do improvisation activities, mimicking different animals. This can be extended to role plays demonstrating interactions the animals might have with humans or other animals.













\*(Digital file provided to school upon booking)

### PARK RULES



# TO ENSURE THE SAFETY AND WELLBEING OF OUR ANIMALS...

- No running or chasing animals.
- Do not throw items at any animal.
- Do not feed any animals that are not in walkthrough exhibits.
- Ensure both gates are closed in walkthrough exhibits.
- No climbing or standing on fencing, standoff barriers, and surrounding exhibits.
- All animals and staff members are to be treated with respect.
- Students must be supervised at all times.

# STUDENTS WHO DISOBEY THESE INSTRUCTIONS WILL BE ASKED TO IMMEDIATELY LEAVE THE PARK.

### Picnic areas must not be used for storage:

Picnic areas may be used by students for Morning Tea and Lunch only. Do not store school bags at picnic areas. Bags may be stored neatly in the Education Centre or carried while walking around the park.

### **Exiting the wildlife park:**

No exit through the Gift Shop. Please ask a member of staff to open the Service Gate so you can exit the park safely.

### Visiting the gift shop:

Students must be always accompanied by a teacher when inside the gift shop. Maximum of 10 students at a time. Instances of theft will be reported to the authorities and prosecuted.



# IMPORTANT INFORMATION



### PAYMENT INFORMATION

Excursion payments can be made in the following ways:



### **PRE-PAYMENT: EFT**

Pre-payment can be made via Electronic Funds Transfer. Pro-forma invoices can be issued upon booking. Funds MUST be received 7 days PRIOR to your booking date. Confirmation of payment MUST be emailed to our Guest Experience Team at education@austwp.com.au



#### PRE-PAYMENT: CREDIT CARD

Credit Card payments can be made by calling the Australian Wildlife Parks

Guest Experience Team on 02 9622 1644, for Credit Card payments over the phone.



#### CASH/CREDIT CARD UPON ARRIVAL

Payments can be made upon arrival in ONE Transaction with cash (Australian Dollars Only) or credit card.

### IMPORTANT INFORMATION

- Keeper Talks are subject to change and cancellation.
- Late Arrival after 10:30am: Mogo Wildlife Park Staff will make the decision to take a class
  photo as opposed to individual student photos to ensure the first Keeper Talk is not missed.
- High School excursions require a minimum supervision ratio of Teachers 1:15 students.
  Teachers MUST fully supervise students at all times. The Mogo Park team will greet
  students before entry to the Park and advise them on the Park Rules. Students disobeying
  the Park's rules will be required to exit the premises. Accompanying Teachers will be
  responsible for providing adequate supervision for these students.
- Schools must print and supply their own activity sheets & writing implements.



### Risk Assessment



Activity	Hazard	How	How	What	Elimination or control measures	Who	When
Notivity	Identification	Likely	Severe	Priority			When
Coach transport to excursion venue	Boarding coach	3	2	1	<ul> <li>Ensure vehicle operators hold appropriate licence(s) and insurance.</li> <li>Check availability of seatbelts.</li> <li>Vehicle to be appropriate for the needs of the group, eg. wheelchair access if required, number of seats, etc.</li> </ul>	Head Teacher	Prior to booking
	Vehicle accidents	3	2	1	<ul><li>Enforce rules and monitor behaviour.</li><li>Ensure seatbelts are worn.</li></ul>	Teachers	On excursion
Walking to and from transport	Struck by vehicle on road or at car park	4	2	1	<ul> <li>Ensure enough teachers are attending to adequately supervise students.</li> <li>Remain on pedestrian crossings at all times .</li> <li>Make sure you make your way to the school assembly area in front of service gate. Mogo staff and volunteers will be on hand to assist if requested.</li> </ul>	Teachers	Prior to excursion On excursion Upon arrival or exit
					<ul> <li>A copy of the park rules and directions to be given and read to all teachers and supervisors attending the excursion.</li> <li>Carpark attendant to assist in directing</li> </ul>	Head Teacher	Prior to excursion
					groups into the park promptly.	Mogo	On arrival
Walking throughout the park on excursion	Uneven Footpaths	4	4	3	<ul> <li>Regular inspection for uneven surfaces, maintenance requests &amp; temporary barriers put in place to stop people accessing area.</li> </ul>	Mogo	Weekly
	Tripping and falling	3	4	3	Enforce rule of no running throughout the park at any time.	Teachers	Prior to and during excursion
					<ul> <li>Supply all teachers and supervisors with a copy of Mogo Wildlife Park's map, rules and expectations.</li> </ul>	Head Teachers	
					<ul> <li>Advise students not to drag feet on the paved/gravel footpaths.</li> </ul>		
	Exposure to potential allergens	2	4	2	<ul> <li>All species exhibited at Mogo Wildlife Park are fed a varied diet which may include nuts or nut products. Any children with the potential for an allergic reaction should be closely monitored and kept away from potential exposure.</li> </ul>		On excursion
	Open Water	1	3	2	On the premises we have a moat surrounding the primate islands. Children should should stay off the rocks at all times.	Teachers	
	Staff Only Areas	3	4	2	There are areas within the zoo which are labelled staff only. For everyone's safety please do not go into these areas. Supervise children at all times		
	Bites and Stings from insects	3	4	5	<ul> <li>As you are outside bugs are everywhere, it is advised having the appropriate clothing and personal protective items.</li> <li>Avoid areas with long grass and maintain supervision.</li> </ul>		

Activity	Hazard Identification	How Likely	How Severe	What Priority	Elimination or control measures		Who	When	
Observing the animals	Bites from animals	3	4	4	<ul> <li>Instruct students not to touch any animals in enclosures except in walk in enclosure.</li> </ul>		Teachers	Prior to and during excursion	
					<ul> <li>Advise all teachers and supervisors of location of the First Aid bay.</li> </ul>		Excursion Coordinator		
					Carry a first aid kit.	arry a first aid kit.			
					<ul> <li>Ensure small group atten- in areas (maximum 15 stu time).</li> </ul>		Teachers	On excursion	
					<ul> <li>Supervision of behaviour levels when observing Ke in Meet &amp; Greets.</li> </ul>				
	Zoonotic Diseases	1	3	3	<ul> <li>We have many species of primates; Primates can had diseases which humans of the Stay behind the stand-off not try to feed the Primate barriers.</li> </ul>	arbour zoonotic can catch. barriers and do			
	Giraffe Feeding	3	-	6	<ul> <li>Please ensure children are respecting other guests in the Giraffe feeding section.</li> </ul>				
	Kangaroo, Deer and Camel Feeding	2	4	5	<ul> <li>Do not corner the animals, this may result in a fight response where the animal could kick or bite.</li> <li>Please ensure the children approach the animals slowly and calmly.</li> <li>Only feed animals food that has been purchased from the park.</li> </ul>				
Weather conditions	Over exposure to sun	3	3	1	<ul> <li>Send letters to parents advising children must wear hats, shirts with sleeves, sunscreen and clothing that is suitable for changing weather conditions.</li> </ul>		Head Teacher	Prior to excursion	
					<ul> <li>Check weather forecast for the day of excursion.</li> </ul>		Teachers	On excursion	
					Provide reasonable shelter for meal break where possible.		Mogo	On excursion	
					<ul><li>Ensure teacher/s carry extra sunscreen.</li><li>Carry first aid kit.</li></ul>		Head Teacher	On excursion	
	Dehydration	4	3	1	Ensure all participants carry water bottles.		Teachers	On excursion	
Pupils with Special Needs	Health Emergencies	3	4	5	<ul> <li>In an emergency immediately call 000 and notify park staff.</li> </ul>		Head Teacher Teachers	On excursion	
					<ul> <li>It is recommended carrying with you any medication required at all times. If refrigeration is required for medication, please ask a staff member to store this for you.</li> <li>It is recommended to have an emergency plan.</li> </ul>				
								Prior to and during excursion	
					<ul> <li>It is recommended to have personnel at all times.</li> </ul>				
Risk assessment matrix (how likely)			R	Risk assessment matrix (how severe)			Risk assessment matrix (what priority)		
1 = Very likely, could happen any time				1 = Kill or cause permanent disability or ill health			1-3 = Top priority - take action immediately		
<ul><li>2 = Likely to happen, could happen at some time</li><li>3 = Unlikely, could happen but very rarely</li></ul>			_	2 = Long term illness or serious injury 3 = Medical attention and several days off sick					
4 = Very unlikely, could happen but very rarely				<ul><li>3 = Medical attention and several days off sick</li><li>4 = First aid needed</li></ul>			<b>4-6</b> = Low priority - take action where possible		

### PARK MAP





BATHROOMS



HAND WASH







PICNIC AREA





