

Dinosaurs and more Assessment Rubrics

Year 1 Achievement Standard

By the end of Year 1, students describe objects and events that they encounter in their everyday lives, and the effects of interacting with materials and objects. They describe changes in their local environment and how different places meet the needs of living things.

Students respond to questions, make predictions, and participate in guided investigations of everyday phenomena. They follow instructions to record and sort their observations and share them with others.

Note: The sections relevant to *Dinosaurs and more* are bolded above. The full rubrics for all year levels are available on the PrimaryConnections website.

Organisers	CONTENT DESCRIPTIONS	ACHIEVEMENT STANDARD	EVIDENCE	LEVEL OF ACHIEVEMENT		
				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE UNDERSTANDING						
Biological sciences	Living things have a variety of external features (ACSSU017)	Describes objects that they encounter in their everyday lives	<ul style="list-style-type: none"><i>Evaluate</i> phase in: <i>Dinosaurs and more</i>Annotated drawing	<ul style="list-style-type: none">Suggests different external features of animalsIdentifies that animals have requirements for living	<ul style="list-style-type: none">Describes the external features of animals that are used for feeding, movement and protectionDescribes how different places meet the needs of living things	<ul style="list-style-type: none">Explains how the external features of animals are used for feeding, movement and protectionProvides extended information on the habitat of animals and how that habitat is important for their survival
	Living things live in different places where their needs are met (ACSSU211)	Describes how different places meet the needs of living things				

 The Achievement standard and Content descriptions are sourced from the Australian Curriculum.

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				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE AS A HUMAN ENDEAVOUR						
Nature and development of science	Science involves observing, asking questions about, and describing changes in, objects and events (ACSHE021)	Describes and responds to questions about objects that they encounter in their everyday lives	<ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Responds to questions about familiar living things	<ul style="list-style-type: none">Describes and responds to questions about living things that they encounter in their everyday lives	<ul style="list-style-type: none">Makes detailed descriptions and responses to questions about living things that they encounter in their everyday lives
Use and influence of science	People use science in their daily lives, including when caring for their environment and living things (ACSHE022)	Describes the effects of interacting with their environment and living things	<ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Makes simple observations about how people care for their environment and living things	<ul style="list-style-type: none">Describes how to care for their environment and living things	<ul style="list-style-type: none">Describes ways in which science helps people care for living things

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Organisers	CONTENT DESCRIPTIONS	ACHIEVEMENT STANDARD	EVIDENCE	LEVEL OF ACHIEVEMENT		
				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE INQUIRY SKILLS						
Questioning and predicting	Pose and respond to questions, and make predictions about familiar objects and events (ACSIS024)	Responds to questions and makes predictions of everyday phenomena	<ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Responds to questions about familiar objects and events	<ul style="list-style-type: none">Responds to questions and makes predictions of everyday phenomena	<ul style="list-style-type: none">Demonstrates a detailed understanding of making predictions and observations about everyday phenomena

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				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE INQUIRY SKILLS						
Planning and conducting	Participate in guided investigations to explore and answer questions (ACSIS025)	Participates in guided investigations of everyday phenomena	<i>Elaborate</i> phase in: <ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Requires help to participate in guided investigations of everyday phenomena	<ul style="list-style-type: none">Participates in guided investigations of everyday phenomena	<ul style="list-style-type: none">Participates with understanding in different types of guided investigations to explore and answer questions
	Use informal measurements to collect and record observations, using digital technologies as appropriate (ACSIS026)	Follows instructions to record their observations	<ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Requires help to use informal measurements to collect and record observations	<ul style="list-style-type: none">Follows instructions to record their observations	<ul style="list-style-type: none">Independently uses informal measurements in the collection and recording of observations

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				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE INQUIRY SKILLS						
Processing and analysing data and information	Use a range of methods to sort information, including drawings and provided tables through discussion; compare observations with predictions (AC SIS027)	Follows instructions to sort their observations	<i>Elaborate</i> phase in: <ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Requires help to record observations in provided tables	<ul style="list-style-type: none">Follows instructions to sort their observations	<ul style="list-style-type: none">Independently records observations in provided tables

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Organisers	CONTENT DESCRIPTIONS	ACHIEVEMENT STANDARD	EVIDENCE	LEVEL OF ACHIEVEMENT		
				BELOW ACHIEVEMENT STANDARD	AT ACHIEVEMENT STANDARD	ABOVE ACHIEVEMENT STANDARD
SCIENCE INQUIRY SKILLS						
Evaluating	Compare observations with those of others (AC SIS213)	Shares observations with others	<i>Elaborate</i> phase in: <ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">With support, shares their observations with others	<ul style="list-style-type: none">Shares observations with others	<ul style="list-style-type: none">Discusses and explains their observations with those of others
Communicating	Represent and communicate observations and ideas in a variety of ways (AC SIS029)	Shares observations with others	<i>Elaborate</i> phase in: <ul style="list-style-type: none"><i>Dinosaurs and more</i>	<ul style="list-style-type: none">Uses drawings to represent observations	<ul style="list-style-type: none">Shares observations with others	<ul style="list-style-type: none">Represents and explains observations and ideas in a variety of ways

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GLOSSARY

Describe	Give an account of characteristics or features.
Respond	To react to a person or text.
Record	To mark in a form that can be understood by others and revisited.

Acknowledgements

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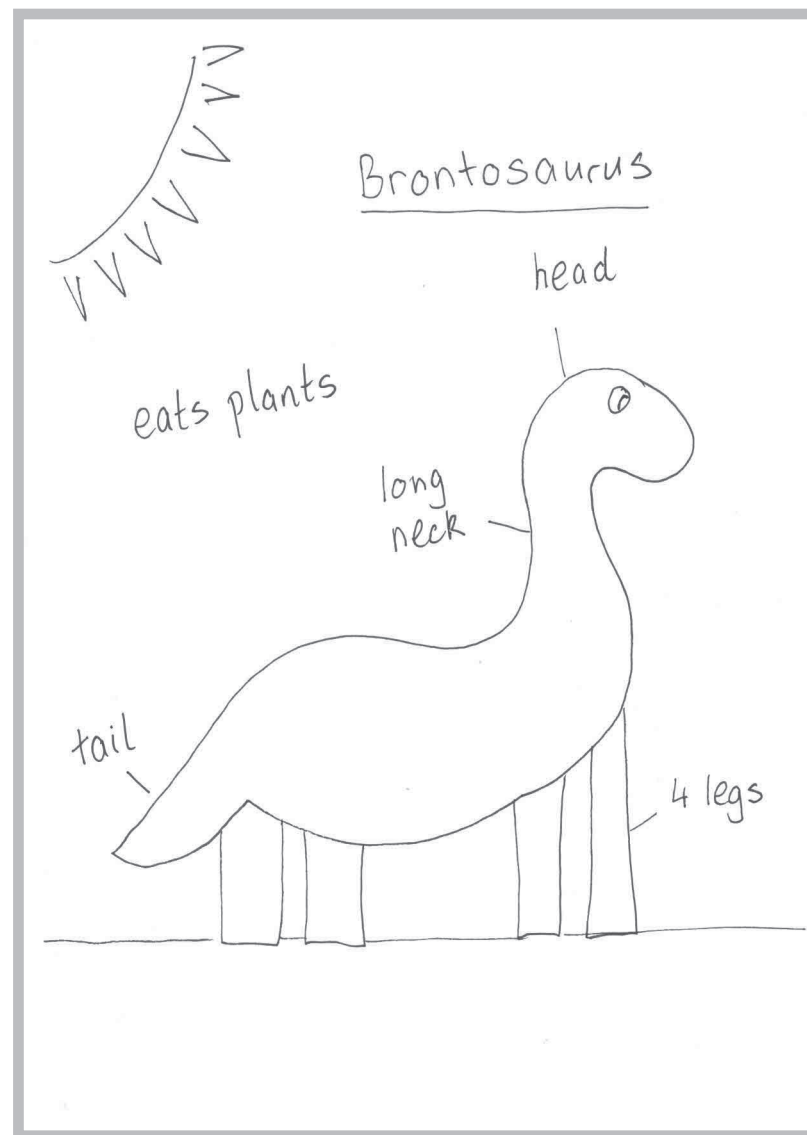
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Year 1

Work samples

Summative Assessment of Science Understanding

Below Achievement Standard

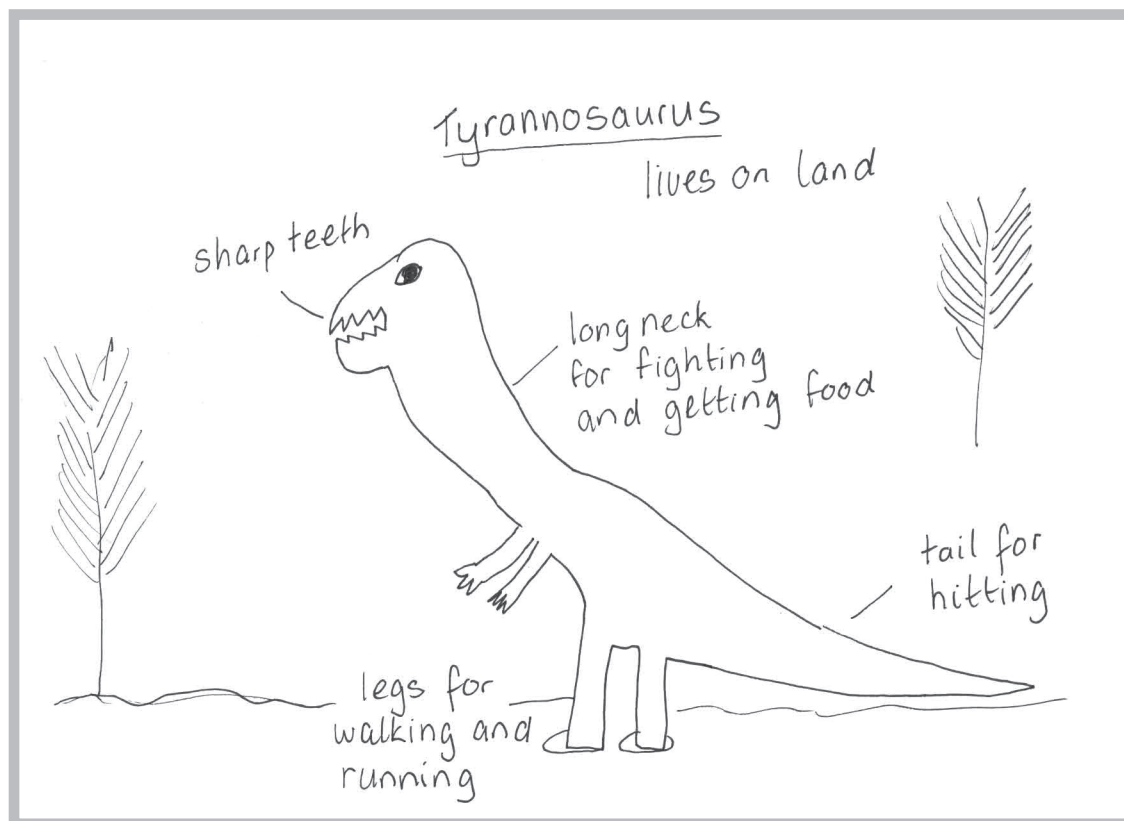


Year 1

Work samples

Summative Assessment of Science Understanding

At Achievement Standard

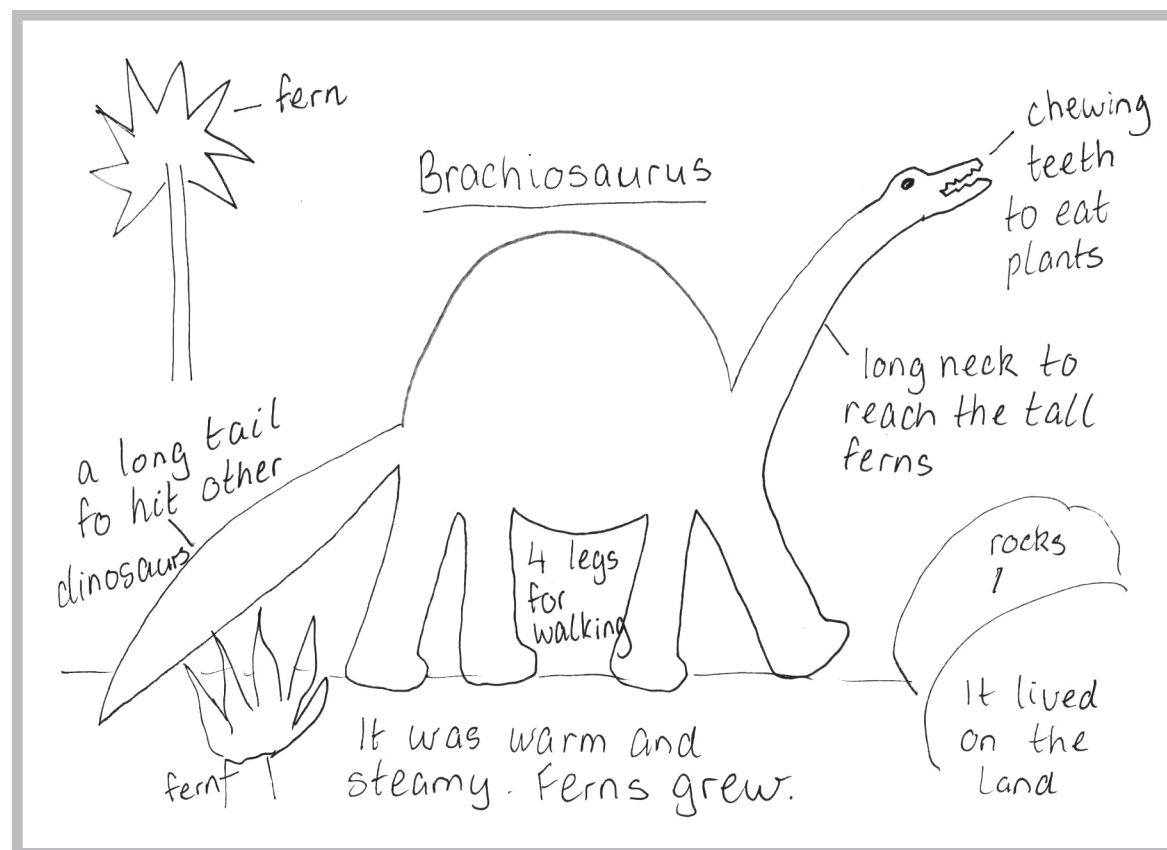


Year 1

Work samples

Summative Assessment of Science Understanding

Above Achievement Standard



Year 1

Work samples

Summative Assessment of Science Inquiry Skills

Below Achievement Standard

Planning and conducting

PrimaryConnections®
Linking science with literacy

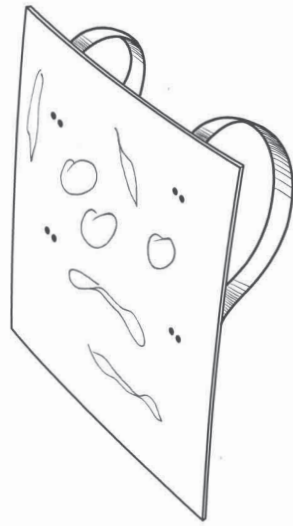
Dinosaurs and more

Dino shield

Name: _____ Date: _____

Other members of your team: _____

Our design:



Equipment we will need:

popsticks

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Year 1 Work samples

Summative Assessment of Science Inquiry Skills

At Achievement Standard

Planning and conducting

PrimaryConnections®
Linking science with literacy

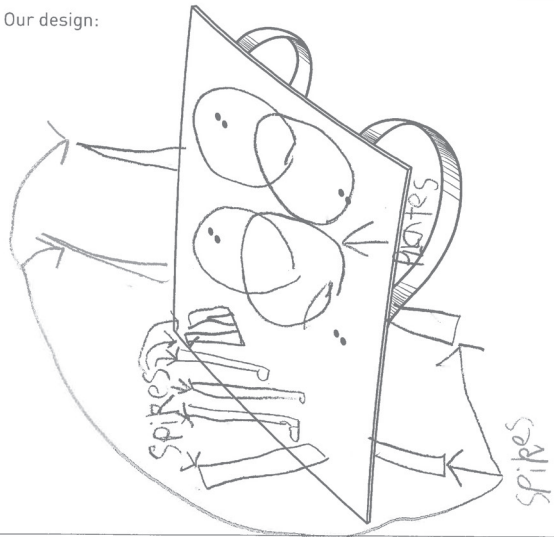
Dinosaurs and more

Dino shield


Name: Riley and Jacob R Date: _____


Other members of your team: _____


Our design:



Equipment we will need:

4 plates 

6 straws 

4 ice pole sticks 

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Year 1

Work samples

Summative Assessment of Science Inquiry Skills

Above Achievement Standard

PrimaryConnections®
Linking science with literacy

Dinosaurs and more

Dino shield

Name: _____ Date: _____

Other members of your team: _____

Our design:

Equipment we will need:

lots of egg cartons	scissors
lots of popsticks	glue
cardboard	
alfoil	

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Planning and conducting

Student Self-Assessment

Dinosaurs and more Student checklist Year 1

Name: _____

Date: _____

Strand	What I can do	I need help to do this	I can do this	I can do this very well
Science Understanding	I can describe some features that dinosaurs and modern-day animals have.			
	I can describe where animals like dinosaurs lived.			
Science as a Human Endeavour	I can ask and answer questions about things around me.			
	I can say how to look after animals around me.			
Science Inquiry Skills	I can answer questions and make predictions about what might happen.			
	I can follow instructions to explore questions.			
	I can follow instructions to record what I observe.			
	I can follow instructions to sort out things that I have observed.			
	I can share what I have found out with others.			

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