Read in conjunction with How is literacy embedded in Primary Connections curriculum units?

Primary Connections supports teachers to provide students with opportunities to develop literacy skills while learning about science. Students are supported to demonstrate their understanding of science concepts, process and skills throughout science inquiry by creating representations that draw on and strengthen literacy development. In Primary Connections Units, these representations are highlighted as a 'literacy focus'.

There are forty-two literacy foci across the suite of Primary Connections Units from F-Year 6. Each suggested literacy focus is appropriate for the science concept, science inquiry skill/s, and student year level. A range of literacy foci are suggested across the suite of Units to support the development of a range of skills and representational thinking throughout primary years of schooling.

The table below shows the most commonly used literacies in Primary Connections Units grouped according to the Australian Curriculum English and Mathematics. This table is designed to support teachers with **multi-age classes**, or a class with a **range of abilities**, to choose an alternative literacy focus suited to the skills and abilities of students.

For example, teachers might:

• Choose an alternate literacy focus within the year level grouping.

A teacher with a Year 1/2 class and is working through the Year 2 Unit *Watch it grow!* In the Unit, students are asked to create a labelled diagram of their facial features. In this case, the teacher might ask her Year 1 students to create an annotated drawing while her Year 2 students draw a labelled diagram.

• Choose an alternate literacy focus from another year level.

A teacher with a Year 3 class is working through the Year 3 Unit *Night and day*. In the Unit, students are asked to explain how night and day occur through a role-play. Instead of a role-play, higher ability students might be asked to create a digital presentation with graphics and sound.





	Year F	Years 1 - 2	Years 3 - 4	Years 5 - 6
Literacy-	Student Science Journal	Student Science Journal	Student Science Journal	• Student Science Journal
Texts	Generally, when creating texts, students use familiar words, simple sentences and drawings to record and report ideas and events.	With teacher modelling and support, students record observations directly into their journal using short sequenced texts with relevant illustrations.	Students compose short texts which contain key information and observations, accompanied with relevant illustrations.	Students independently create detailed and informative texts directly into their journal.
	Complement with e-Resource sheets which provide graphic organisers to include in students' science journal.	Complement with e-Resource sheets which provide graphic organisers to include in students' science journal.	Complement with e-Resource sheets which provide graphic organisers to include in students' science journal.	Complement with e-Resource sheets which provide graphic organisers to include in students' science journal.
	DrawingAnnotated drawingLabelled diagram	DrawingLine drawingAnnotated drawingLabelled diagram	 Line drawing Annotated drawing Annotated diagram Labelled diagram Force-arrow diagram Cross section 	 Annotated drawing Annotated diagram Labelled diagram Force-arrow diagram Cross section Cutaway diagram Circuit diagram
	Students create a simple drawing with a verbal explanation (often transposed into writing by teacher). Some students may write familiar words and/or simple sentences with teacher support.	Students create drawings. They use lines to link words (labels) to the drawing and write short sentences to describe elements of the drawing.	Students construct detailed diagrams. They use straight lines to link labels to the drawing and write descriptive sentences.	Students create detailed labelled diagrams, including cross-sectional representations, to communicate their ideas.
		• Poster	PosterSummary	• Summary • Report
		Students create a poster with simple sentences for a specific purpose or audience. Students include appropriate illustrations to support their text.	Students compose informative texts that contain key information , supporting details, and relevant illustrations.	Students create detailed texts elaborating on key ideas, and analysing data to form conclusions. Images and digital resources are included where appropriate.





	Year F	Years 1 - 2	Years 3 - 4	Years 5 - 6
Literacy- Creating Texts	StoryboardFactual recount	StoryboardFactual recountFlow chart	StoryboardFactual recountFlow chart	StoryboardFactual recountFlow chart
	Students draw two or three events in sequence with a verbal explanation (often transposed into writing by teacher). Some students may write familiar words and/or simple sentences with teacher support.	Students create a sequence of three or four events including simple sentences and illustrations.	Students create a sequence of three or more events and use simple and complex sentences to organise and link information.	Students construct detailed texts to organise data and describe processes, e.g. investigation reports incorporating third person, passive voice construction.
Literacy- Word knowledge	• Word wall Teacher writes key words onto class word wall at the end of each lesson. By the end of the unit the word wall displays words that are complemented with concrete objects and images.	• Word wall Teacher, with input from students, adds key words at the end of each lesson. By the end of the unit the word wall displays words that are complemented with concrete objects and images.	 Word wall Teacher and/or students add key words at end of each lesson. By the end of the unit the word wall displays words that are mostly illustrated with images. Glossary Add words and definitions to class glossary in class science journal. 	 Word wall At end of each lesson students add key vocabulary to class word wall (Individuals could add words to their own 'word wall' in their own science journal. Glossary Students create and update their own glossary in their student journal.
Literacy- Interpreting, analysing, evaluating	• Factual text Students listen to and respond to teacher-read, age-appropriate texts.	 Factual text Procedural text Students read short, age-appropriate texts with teacher support when 	 Factual text Procedural text Students read and respond to simple texts using new vocabulary to collect and 	 Anology Biography Information text Students read, analyse and explain literal



teacher-read, age-appropriate texts.

words to communicate their ideas.

Students respond to teacher's questions

verbally, by drawing, and/or writing key



Students read, analyse and explain literal

and implied information from texts. They

select and use evidence from a text to

discuss and record responses.

texts with teacher support when

acquired scientific vocabulary.

Students interpret, analyse, and evaluate

the content using familiar and newly

necessary.

evaluate information and record

observations.

	Year F	Years 1 - 2	Years 3 - 4	Years 5 - 6
Literacy- Interacting with others	Role-play Students participate in role-plays to explore a scientific phenomenon.	 Interview Students ask simple questions (e.g. when, how, why?) to collect information from a speaker. Role-play Students create and perform presentations to communicate ideas. 	 Interview Oral presentation Role-play Students collaboratively plan and deliver short oral and/or multimodal presentations. 	 Interview Oral presentation Role-play Students collaboratively plan, rehearse and deliver presentations incorporating graphics and sound where appropriate.
Graphic organisers Maths: Measurement	• Picture map Students use appropriate language to describe key features of a map created by the teacher. Students work towards creating their own map.	• Picture map Teacher/students draw a simple map of a familiar location including labels. Students identify the positions of key features.	• Map Students create maps with simple scales, legends and directions to show position and pathways.	• Map Students use a grid reference system to describe locations. They describe routes using landmarks and directional language.
and Geometry Maths: Statistics and Probability	Ideas map Teacher collections and records students' ideas in class science journal. Ideas map might contain three or four branches.	• Ideas map Students record ideas with or without a teacher scaffold. Ideas map contains four or more branches.	• Ideas map Students record ideas with or without a teacher scaffold into science journal. Includes four or more branches.	• Ideas map Students record ideas with or without a teacher scaffold into science journal. Map contains six or more branches.
	Picture graph	Picture graphColumn graph	Picture graphColumn graph	Picture graph (dot plot)Column graph



representation

interpretation

Students add images (data) to a class

representing one data value.

picture graph with one object or drawing

Data

and



Line graph

collated data.

Teams or individuals choose and

construct own graph to represent

Teams or individuals complete graph and

scale including data, title and labels. One

object or drawing of a picture graph can

represent data values larger than one.

Class or student teams complete graph to

represent data collected. Picture

represent one data value.

graphs have one object or drawing to

	Voca F	Verya 1 2	Years 3 - 4	Years 5 - 6
	Year F	Years 1 - 2	icui3 5 - 4	164133-0
Graphic organisers	• Table	• Table	• Table	• Table
Maths: Measurement and Geometry	Teacher leads whole class to organise observations into a table, modelling the creation and purpose of title and labels. When introducing to students in early years, consider a table that contains two columns and up to four rows.	Class or teams organise observations into a table. Students add labels to rows and columns. Table contains up to three columns and up to five rows.	Teams or individuals organise observations into a table they construct. Table contains up to four columns and five or more rows.	Teams or individuals organise observations and data into a table they have constructed. Students create title and labels appropriate for the data.
Maths:				
Statistics and	T-chartSorting diagram	T-chartTimeline	TimelineT-chart	 Timeline Venn diagram
Probability	During a class discussion, teacher records	Sorting diagram Venn diagram	Venn diagram	Teams or individuals choose and
Data	students' ideas and observations into an	veim diagram		construct most suitable
representation	enlarged graphic organiser. For example,	Students, as individuals or in teams, sort	Students, as individuals or in teams, sort	graphic organisers to record
and interpretation	two large hoops on floor to form sorting diagram.	information or data into graphic organisers e.g. e-Resource sheets.	information or data into graphic organisers e.g. e-Resource sheets.	and organise collected data. Digital technologies are used where appropriate.



interpretation

