

# Year 7 Biology – Classification 2022

## Term 2

MUST (C)	SHOULD (B)	COULD (A)
<b>Week 1 Classification (Term 2, Week 6)</b>		
Know why systems of classification have been invented.	Describe the different ways classification systems could be used.	
Identify why classification systems are used and how they have changed over time.	Describe how different systems have evolved due to technology.	Explain how biological classification has changed over time.
Know that living organisms are classified using Kingdom, Phylum, Class, Order, Family, Genus.		
Identify the genus and species of an organism.	Describe the binomial naming system created by Carl Linnaeus.	
Identify similarities and differences between organisms based on their features.	Able to construct branch/tabular classification key using observable features.	
Able to classify organisms using a branching or tabular classification key.		
<b>Week 2 Classification (Term 2, Week 7)</b>		
Explain the difference between living and non-living organisms. List the 8 characteristics shared by all living things using MR NGREWW.	Describe the 8 characteristics shared by all living things using the MR NGREWW. Able to justify if an organism is living using MR NGREWW.	Compare and contrast the differences between living, non-living, potential to be living and dead organisms using MR NGREWW.
Be able to distinguish between the 6 Kingdoms.	Describe the features of each kingdom.	
Understand how plants are classified. State the difference between vascular and non-vascular.	Describe how vascular plants are subdivided into flowering plants, ferns & Non-flowering plants.	
<b>Week 3 Classification (Term 2, Week 8)</b>		
Identify the common features of invertebrates. List the 8 main phyla of invertebrates.	Describe each of the 8 main types of phyla of invertebrates using key features.	Describe the difference between the 8 main phyla of invertebrates using key features and justify the classification of each organism. Recall examples of each.
<b>Week 4 Classification (Term 2, Week 9)</b>		
Identify the common features of vertebrates.	Name the 5 different classes of vertebrates. List the main features of each class.	Explain the different characteristics of a vertebrate and an invertebrate using examples.
Know that Aboriginal and Torres Strait Islander Peoples differ with respect to classification approaches and purpose.	Describe how Aboriginal and Torres Strait Islander Peoples differ classification systems from that to contemporary science.	Explain why Aboriginal and Torres Strait Islander Peoples differ classification systems from that to contemporary science.