Science Trail: Seeds of Science

	Questions:	**Write Answers Here:**
1.	A _____ is the part of a plant that is seed-bearing. These plants are called angiosperms.	
2.	Do all plants have seeds? True or False	
3.	_____ has seeds. Sometimes mistaken for seaweed, they grow more like grass on land.	
4.	A loaf of bread contains more than _____ seeds of wheat!	
5.	Australia has a National _____ in the National Botanic Gardens in Canberra, they store more than 4,000 species.	
6.	_____ eat over 200 types of plants including fruit with large seeds, As they travel through their habitat they distribute the seed in their poo. And it helps new plants grow!	
7.	_____ is made from plant fibres, so when we recycle it into seed paper, we're helping plants go from paper back into plants!	
8.	_____ (an edible herb) can start to sprout in just 2 days, making it one of the fastest growing plants you can grow.	
9.	Did you know that rain and _____ can grow from seeds in a process called cloud seeding.	
10.	Seed dispersal can be by 4 main ways. Wind, Animal, Water and _____	
11.	Some native plant seeds need heat or smoke to _____ and grow best after bushfires.	
12.	Many seeds germinate in the soil in the _____. The sprout first grows upwards against the gravitational pull of earth, until it finds the shortest route to sunlight.	
13.	Planets form inside huge spinning clouds of dust and gas called protoplanetary discs. Over time, tiny grains collide and stick together due to gravity forming planetesimals. These collide and form protoplanets and then those collide to form dwarf planets or planets. This process is called _____.	
14.	Some rainforest seeds germinate only when exposed to specific conditions such as high _____ or chemicals from rotting fruit!	
15.	Some seeds can remain alive but _____for thousands of years. The oldest seed ever germinated was form a date palm. It was more than 2000 years old.	
16.	Most seeds need three things to germinate.1. _____ 2.water 3. warmth	
17.	All the planets in our solar system _____ the Sun in the same direction, due to conservation of momentum from the original spinning disc of rock, dust and ice that surrounded the Sun.	
18.	A _____ is the length of time a planet takes to orbit its star.	
19.	Real snowflakes have been photographed in more than a _____ different patterns?	
20.	If I eat a pumpkin seed, will it grow in my belly? Yes or No	

Name: _____ **Age:** 5-8yrs 9-12yrs **Phone:** _____

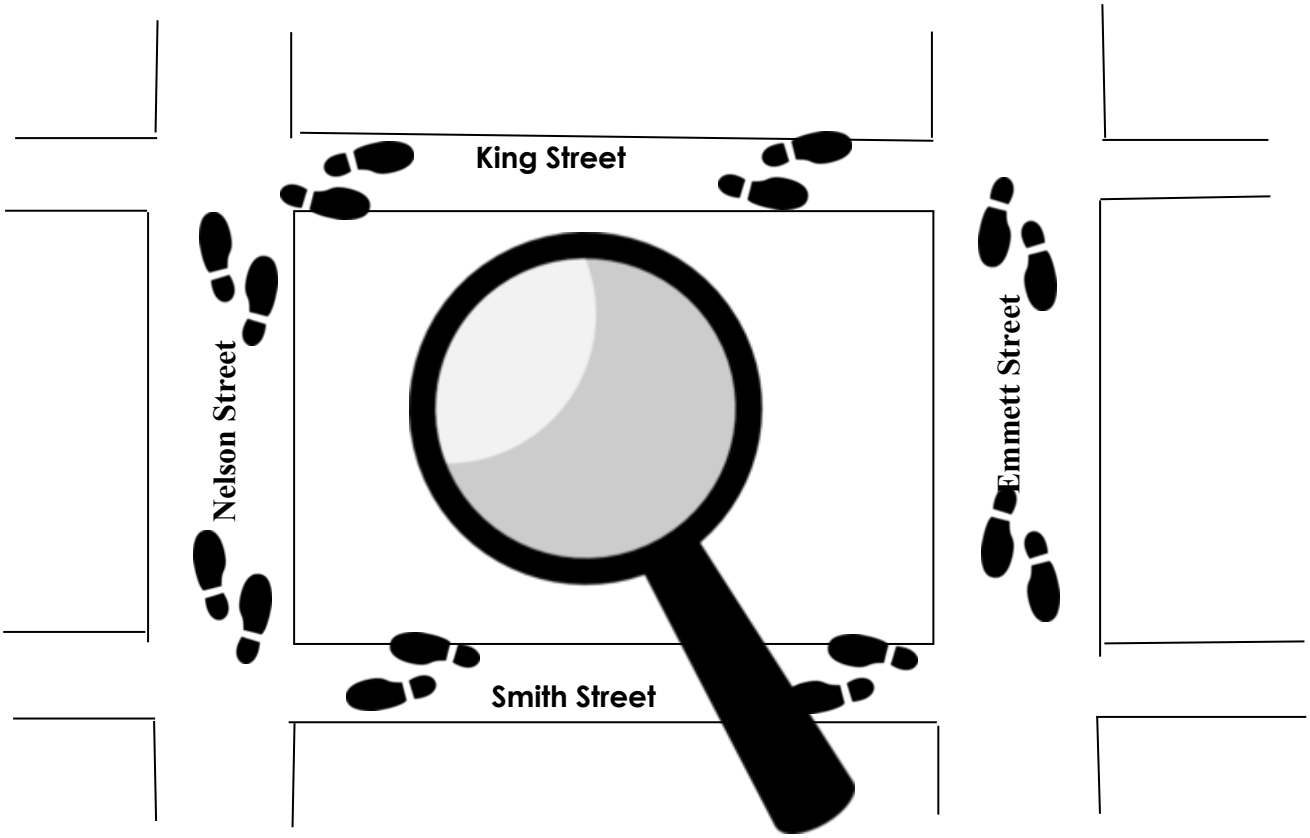
Please circle

Please return your entry form to Smithton Library or Circular Head Council by **Monday 17 August** 10am or take with you to the **Science Gig event information desk before 6pm**.



2026 Science Trail around town

Have fun searching for clues and learning about Species Survival
Children aged between **5** and **12** can enter the Science Trail competition.



The **20 clues** for the **Science Trail** will be placed in business windows around the Main CBD area so that you can follow the trail at any time. NO exact business clues, go for a hot lap(walk) around the block & see if you can find them..
and check out what the shops have to offer!

Winners will be announced at the **CH Science Gig on Monday 17 August at the CHCRC**

More info about the event can be found on our Facebook page
https://www.facebook.com/CHScienceBigGig