



## Stage 3 Term 3, 2024 Discovery – Science Odyssey

<b>Enduring Understanding</b> God created us as curious beings so that we might wonder and learn about the world around us.	<b>Faith and Character Formation</b> Hebrews 11:3 By faith we understand that the universe was created by the word of God, so that what is seen was not made out of things that are visible	
<b>Knowledge</b> What do we want students to know?	<b>An inquiry into:</b> <ul style="list-style-type: none"> <li>• Chemical, Physical and Earth sciences</li> <li>• Planning, conducting and analysing scientific experiments</li> </ul>	
<b>Concepts</b> What do we want students to conceptually understand?	Hypothesising, Planning and Drawing Conclusions.	
<b>Learning Habits</b> Skills and dispositions we want students to grow in.	<b>Innovation</b> I can make connections to new learning I can explain how I learn new information I can apply learning from one situation to another  <b>Collaboration</b> I can effectively work in a team I respect other people’s opinions I can help solve problems/conflict in my group	<b>Investment and motivation</b> With support, I set goals to achieve I am confident when learning about something new to me I can start my work independently.
<b>Action</b> What might our students do now?	Students will act in a way that positively impacts their future, and the future of others, as they gain understanding of how the world works.	

Progressive Summative Assessment	Suggested Parent Engagement
Students will : <ul style="list-style-type: none"> <li>• Hypothesise, plan and conduct a scientific experiment</li> <li>• Report on their findings</li> <li>• Present their finding at the Stage 3 science Expo</li> </ul>	Parents may choose to support their child’s learning by: <ul style="list-style-type: none"> <li>• Visiting the Sciencecentre or SparkLab</li> <li>• Visiting the Mt Coot-tha Planetarium</li> <li>• Conducting scientific enquires at home (cooking, classifying animals, star gazing)</li> </ul>

Links with Key Learning Areas			
English	Mathematics	Languages	
Science	HPE	Technologies (Digital)	
Christian Worldview	HASS (Economics and Business)	The Arts	

Literacy Focus		Numeracy Focus	
Concepts	Skills	Concepts	Skills
Creating texts	Understand different uses of language and vocabulary for different purposes and audiences.	Data	Collecting and interpreting data.
Information reports	Use appropriate text structure, vocabulary, grammar and punctuation in a variety of written samples.	Statistics	Applying inverse operations.
Use of paragraphs	Drafting texts, including giving feedback to and from peers.	Fractions	Comparing fractions, decimals and percentages.
Presentation	Reporting on scientific findings. Presenting their findings to an audience.	Multiplication	Completing operations using brackets.
		Division	Converting between units of measurement involving length, capacity and mass
		Measurement	Solve problems involving perimeter and area.