



Stage 2 Term 3, 2024

Change – Fast and Furious

Enduring Understanding Science helps us understand cause and effect.	Faith and Character Formation To understand that Jesus came to free people not from the Romans, but from their sins. 1 John 4:14 “God sent His son to be saviour of the world”	
Knowledge What do we want students to know?	An inquiry into: <ul style="list-style-type: none"> Heat energy sources How forces can be exerted by one object How to design and conduct experiments 	
Concepts What do we want students to conceptually understand?	Scientific Method Design Systems Variables Causation	
Learning Habits Skills and dispositions we want students to grow in.	Critical Thinking I can solve a problem in different ways I can explain and justify my ideas I pose questions to identify and clarify issues I can organise information from several resources. Innovation I can make connections to new learning I can explain how I learn new information I can apply learning from one situation to another	Resilience I persist I learn from my mistakes I take responsible risks when I’m learning.
Action What might our students do now?	Students will be able to discuss new scientific findings by referring to their knowledge of the Scientific Method.	

Progressive Summative Assessment	Suggested Parent Engagement
Students will investigate forces and motion through the creation of their own balloon-powered vehicle. They will use the scientific method to plan, design, evaluate and test their prototypes.	Parents may choose to support their child’s learning by: <ul style="list-style-type: none"> Discussing forces with their children as they encounter them in daily routines. Exploring the Biblical view of how God created everything including forces. Using digital platforms to investigate and explore different forces in our world.

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

Literacy Focus		Numeracy Focus	
Concepts	Skills	Concepts	Skills
Procedural writing	Procedural writing. Punctuation. Sentence structure – complex sentences. Editing skills.	Addition, Subtraction Multiplication and Division	Use place value to partition, rearrange and regroup numbers to assist in calculations. Represent numbers using number sentences, diagrams and arrays.
Parts of speech	Speech marks, capital letters, full stops. Literal and inferred meaning.	Problem Solving	Use estimation and rounding to check and explain the reasonableness of calculations. Identify and compare angles.
Comprehension skills	Phonic and Grammatical knowledge.	Number Patterns	Conduct statistical investigations, collect data, record and display data and interpret and communicate results.
Spelling	Sharing and extending ideas and information.	Angles Data Collection Data Analysis Probability	Determine the probability of everyday events
Speaking skills			