

CURRICULUM SUGGESTIONS FOR AN INTEGRATED UNIT FOR PRE-YEAR 1 CHILDREN
ABOUT THE THEME OF INNOVATION.

The topic for 2018 is

SHOW HOW A BIBLICAL WORLD VIEW CAN INFORM SCIENTIFIC INNOVATION.

The term 'innovation' can be defined as *a new method, idea or product.*

For Pre-Year 1 children, **BIBLICAL WORLD VIEW** could be simplified to
doing what you do because you believe what God says in the Bible.

The suggestions on the following two pages show activities that Pre-Year 1 children could undertake for each curriculum area, and for which of the six categories of competition those activities might be relevant. You can probably think of more ideas or vary those suggested here. Each scientist named in the activities is a Christian whose work was / is guided by a Biblical world view.

In our competitions, 'Pre-Year 1' refers to all children who are below Year 1, such as Preps, Pre-Preps, Kindergarten, Pre-Kindergarten, Reception, Transition, etc.

Please note :

Entries from children in the Pre-Year 1 section may be individual, group or whole class entries.

Rules for entries for this section are relaxed in comparison with the post-Year 1 sections, to make allowances for the emerging capabilities of Pre-Year 1 children.

Pre-Year 1 children may contribute to a group or whole class effort that can be submitted as an entry.

If an entry is unable to be submitted, or is not thought appropriate to be submitted, an adult (eg. parent or Kindergarten teacher) is welcome to send in a (preferably typed) list of names of those Pre-Year 1 children who participated, with a brief explanation on one **non-competitive entry form** of what the children did, so they can each be issued with a participation certificate.

Entries from Pre-Year 1 children may be oral, pictorial or photographic, in accordance with their emerging capabilities with writing and speaking. An adult (eg. parent or Preps Teacher) may need to enclose some notes about what the children did for their entry.

Drama entries for this age group could be the result of dress-up and / or 'let's pretend' times, observing proper protocols for filming by an appropriate adult (eg. parent, Kindergarten or Preps teacher or aide / assistant).

Children of this age range are able to participate in enjoyable learning at their level, and to have their participation affirmed (eg. via participation certificates), irrespective of what their entry ends up looking or sounding like.

+ beside an activity number means a relevant resource is available for loan from the Creation Education Resource Centre.

Creative Arts.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. make a painting of goats in Dr Raymond Jones experiments (Colossians 3 : 23)	√			√		
P2. make models of a goat family in a paddock				√		
P3. sand model a goat farm in a sandpit – include some Leucaena that Dr Jones researched				√		√
P4. create a poster advertising the fancy dress party of P5 in Performing Arts below	√					
P5. make the puppets for the puppet play of activity P6 in Performing Arts below	√					

Performing Arts.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. practise and then record children singing a song (eg. ‘O What Can Little Hands Do ?’)		√				
P2. use simple instruments to add to the performance of P1 above (Psalm 150 : 4)		√				
P3. fit your own words to the tune of P1 and record the children singing it (2 Chronicles 29: 30)		√				
P4. using simple costumes and props, act out people in a Science lab inventing something new						√
P5. arrange a fancy dress party with each child dressed as a Christian scientist (eg. Isaac Newton)						√
P6. make up and perform a puppet play about one of the scientists of P4 or P5 above			√	√		√

Health and Physical Education.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. arrange a Daniel’s Diet (Daniel 1 : 8 – 16) menu for one lunch time			√	√		√
P2. arrange a fruit platter for afternoon tea with various fruits that might have been in Adam and Eve’s diet (Gen 2 : 16)			√	√		
P3. the children set up a fruit garden (eg. strawberries) to share the resultant produce (Gen 3:2)			√	√	√	√
P4. enact hand washing practices, as devised by Joseph Lister, ‘humbly believing he was directed by God’				√		√
P5. play ‘What’s for lunch, Mr Wolf ?’ using fruits from activity P2 above		√				
P6. discuss the differences between what people are allowed to eat for various reasons				√		√

English Language Arts.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. make an illustrated storybook or photobook about the fruit garden of P3 above			√			
P2. produce an illustrated dictionary containing three or more listings about the goat farm of P3 in Creative Arts above			√			
P3. + read the picture book ‘God Thought of it First’ to the children			√			
P4. compile a class picture book about the life of a Christian scientist (eg. Louis Pasteur)			√	√		
P5. describe and illustrate your favourite part of the book of P3 above	√		√			

Social Studies, including History and Geography.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. make up a play about the Wright brothers watching birds (Genesis 1:21) to learn how to fly				√		
P2. discuss with the children how wheat becomes bread, re John Ridley's Biblical worldview re his wheat stripper				√		
P3. pray with the children to ask God for wisdom (James 1:5), as per Ben Carson's maxim for life			√			
P4. note instances in which some things stay the same and other things change			√			
P5. visit a local historical village to see the latest technology at certain times in history			√	√		
P6. play dress ups for characters in-role re the historical village of activity P5 above			√	√		√
P7. read and enact the story of Hezekiah's construction of the tunnel (2 Chronicles 32:30)					√	√

Science.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. make and fly a model aeroplane, as per activity P1 of Social Studies above				√		
P2. engage in a food preparation activity involving flour, as per activity P2 of Social Studies above				√		
P3. engage in water play with boats, as per Matthew Maury's acceptance of Psalm 8 : 8 re ocean currents				√	√	
P4. engage in a 'life arises from life' activity, as per Louis Pasteur (Genesis 1:20 – 21)				√		√
P5. make and play with a rocket, as designed by Wernher Von Braun for the Apollo programme				√		√
P6. build and test the strength of bridges of different kinds, re Prof McIntosh's research re the bombardier beetle				√	√	
P7. model a buckyball, discovered by Richard Smalley who was a 'better scientist' because of the Bible			√		√	
P8. model the solar system to show Galileo's observations as informed by his Biblical worldview				√	√	
P9. visit a goat farm to learn of Dr Raymond Jones research to improve Australian goats			√	√	√	
P10. make, and play with, a model of a satellite, re Dr Mark Harwood's designs				√		
P11. grow some plants to repeat Gregor Mendel's experiments in genetics, informed by his Biblical worldview				√		√
P12. make and use a simple barometer and relate it to the Biblical world view of Blaise Pascal				√	√	√
P13. examine the design of a bicycle, re the design by Prof Stuart Burgess for Commonwealth Games	√	√		√	√	

Mathematics.**categories of competition in Semester 1, 2018**

activity suggestion	Poster	Song	Writing	Science	Maths	Drama
P1. investigate 'fall' in plumbing for water to flow, re the construction of the tunnel in 2 Chronicles 32:30					√	√
P2. engage in an activity about gravity, re Isaac Newton's insight from a Biblical world view					√	√
P3. organise the children into a watering roster for the fruit garden of activity P3 of HPE above					√	
P4. use tally marks to record the numbers of each fruit grown					√	
P5. assemble a variety of fruit to note and draw relative shapes and sizes					√	