

STEM INCURSION

UNIQUE TO TASKWORKS / MADE IN AUSTRALIA

Designed for all Primary levels our activities are 100% hands-on ensuring children are engaged for the entire incursion. We teach STEM with our own specifically designed and Australian built STEM equipment. Children are immersed in mechanical, electrical, pneumatic, creative and problem solving activities that require collaboration and persistence.



T-Works puzzle: Our Maths puzzle requires spatial and problem solving skills. Eight large scale pieces interlock creating 6 different pathways. The level of difficulty increases from one pathway to the next. Students need to be resilient and persistent.



Buzz Wire game: Test your hand-eye coordination. Guide the hand-held loop along the meandering wire track and try to beat the clock. It teaches children basic wiring principles and the operation of a simple circuit.

Stem Train: Collaboration and problem solving are required to disassemble and construct this large scale working model stem train.



Senior students can wire the low voltage motor, switches and battery and observe the gearing mechanism that drives the wheels. Multiplication and Division can be used to work out speeds for the wheels and gears.



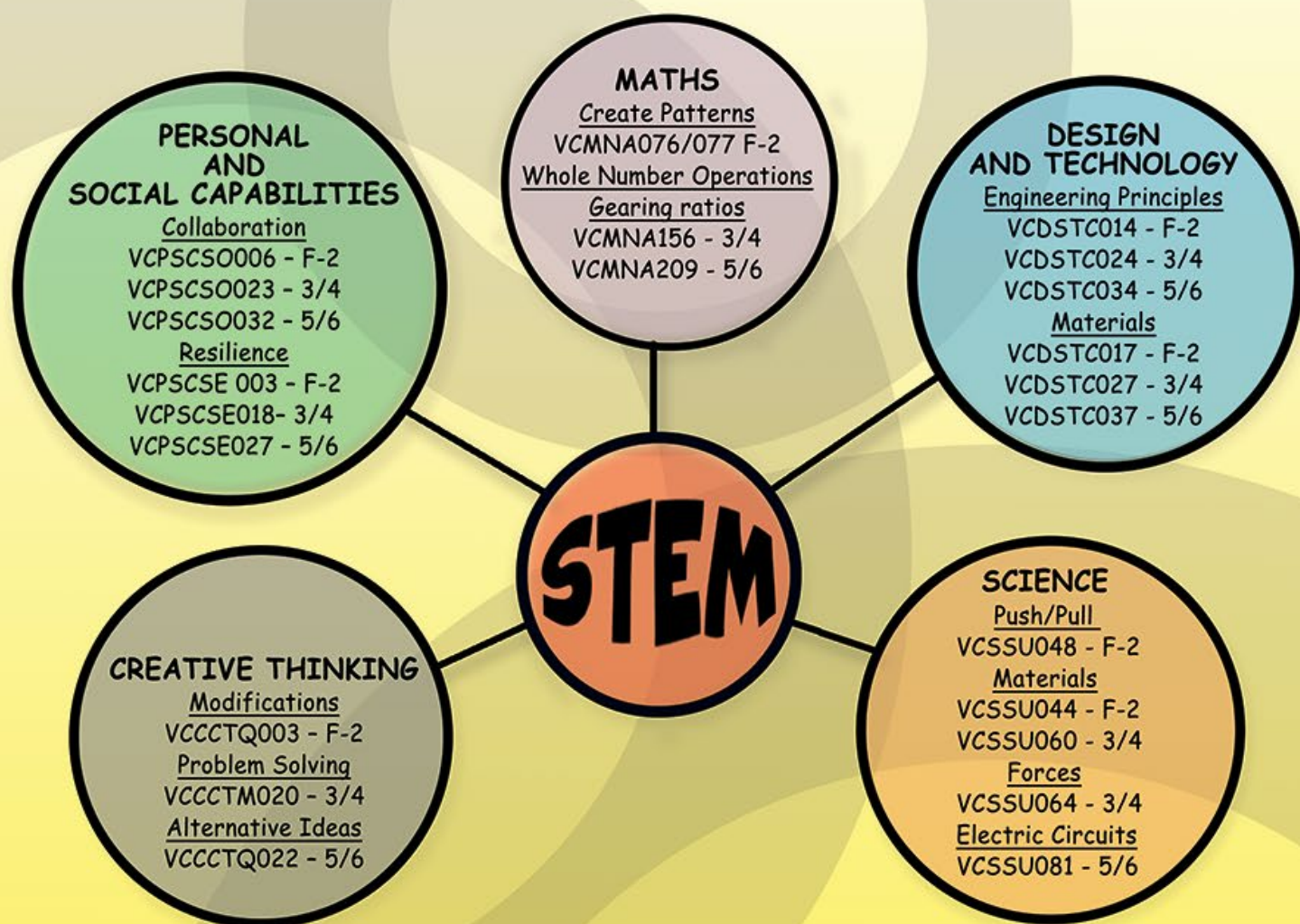
Stomp-A-Stump: An Action/Reaction game. One student controls which stump goes up. The other student reacts by stomping on the stumps as they pop out. This game of pneumatics and physical activity teaches students about basic air control circuits and types of materials and equipment used in design.



Robot Creature: Disassemble this life size robot then use creative thinking and collaboration to design and rebuild this mechanical contraption using your hands to bolt and screw the pieces together.

VICTORIAN CURRICULUM LINKS

FOUNDATION - 2, LEVEL 3/4, LEVEL 5/6



INCURSION SPECIFICS

Where?? Students rotate around the activities set up in a school hall or gym.

Group size: up to 60 students per session

Session time: 90 - 120 mins. **Cost:** \$11.00 + GST per student

Minimum charges: \$500 + GST (1 session) \$800 + GST (2 sessions)

Minimum charges: A travel surcharge of \$1 per student may apply depending on travel time from Taskworks.

Contact: Greg or Rose on 9561 5561 / 0400 334 007 or info@taskworks.com.au