

# Teacher PD in Technologies and Science and Technology K-6

Parkes Services Club Saturday 1st August



Students develop knowledge and understanding of digital technologies including digital systems and how digital technologies represent data.

Students develop and apply skills in the design and production of digital solutions.

**NESA Objectives**  
Science and Technology K-6

\$350 including all meals and support

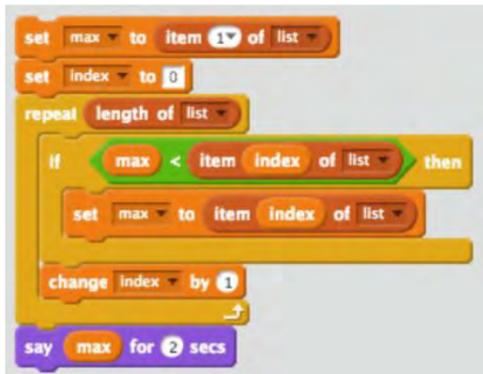
## Scratch 3.0 programming

- ▶ This provides a gentle introduction to computer programming (CODING)
- ▶ Where coding fits in the new K-6 Science and Technology Syllabus integrating the Australian Curriculum Digital Technologies.
- ▶ Resources and ongoing support provided.
- ▶ An excellent first step into coding that can then easily be extended.
- ▶ Face to face instruction from experienced providers.
- ▶ Participants will complete a range of exercises demonstrating how computer coding can be used to integrate learning across the curriculum.

# SCRATCH



computer programming  
suitable for years  
4 to 8



- ▶ ST1-3DP-T describes, follows and represents algorithms to solve problems
- ▶ ST2-3DP-T defines problems, describes and follows algorithms to develop solutions
- ▶ ST3-3DP-T defines problems, and designs, modifies and follows algorithms to develop solutions

Relevant  
Syllabus  
Outcomes

## Don't Panic STEM Curriculum Support

visit the web site to register  
[www.dontpanic.net.au/courses](http://www.dontpanic.net.au/courses)

Professional Development for teachers delivered by experienced teachers

Don't Panic is endorsed to provide NESA Registered Professional Development for teachers accredited at Proficient Teacher.

Courses run from 8:30 (9am start) to 4pm all meals and resources are provided.



- ▶ Scratch is a visual programming language and online community targeted primarily at children. Using Scratch, users create their own interactive stories, games and animations, then share and discuss their creations with one another. (Wikipedia)