

**Teaching Notes**

**Produce solutions**

**Tasks**

**1. Plan your presentation**

 Download and print the planning checklist. Ensure each team member takes an equal responsibility for part/s of preparing and delivering the presentation.

**2. Make presentation tools**

 Encourage the use of a variety of communication devices, tools and techniques.

 If working in a group, members could work on different communication devices.

 Multimedia elements could be combined into one PowerPoint presentation.

 Encourage the use of recycled materials in the construction of models.

**3. Present your ideas**

 Allow student groups plenty of time to rehearse their presentations.

 Each member of the group must be involved in the presentation.

 Encourage feedback from the audience at the conclusion of the presentation.

 Show students these videos:

* how not to make a presentation <http://youtu.be/wXILI9Q1jIw>
* the rules for presentations <http://youtu.be/hT9GGmundag>
* how to make a good presentation <http://teachertube.com/viewVideo.php?video_id=17014>

. Students complete the reflections document and include it in their folios.



**Curriculum links**

**Curriculum focus: Science and Technology Years K-6 Syllabus**

*Focus Outcomes:*

[***Built Environments***](http://syllabus.bos.nsw.edu.au/science/science-k10/content/978/)– A student:

• ST3-14BE - describes systems in built environments and how social and environmental factors that influence their design

• ST3-5WT - plans and implements a design process, selecting a range of tools, equipment, materials and techniques to produce solutions that address the design criteria and identified constraints

[***Material World***](http://syllabus.bos.nsw.edu.au/science/science-k10/content/977/)*–* A student:

• ST3-13MW - describes how the properties of materials determine their use for specific purposes

• ST3-4WS - investigates by posing questions, including testable questions, making predictions, and gathering data to draw evidence-based conclusions and to develop explanations

[***Physical World***](http://syllabus.bos.nsw.edu.au/science/science-k10/content/974/)– A student:

• ST3-6PW - describes how scientific understanding about sources, transfer and transformation of electricity is related to making decisions about its use.