

APPROACHING SCIENCE

The Science Inquiry Skills capability of the Science Foundation – Year 10 Curriculum offers the perfect vehicle for students to base their learning in real life experiences through citizen science activity.

These activities can involve students in each of the elements of science inquiry defined in the curriculum:

- + questioning and predicting
- + planning and conducting
- + processing and analysing data and information
- + evaluating
- + communicating.

Each year, teachers could select a suitable online project for students to be involved in, emphasising that the contribution they are making is as a volunteer.

Teachers can also identify local community volunteers who are active in the science field and invite them to speak to their class about their experiences. Examples of not for profit organisations whose interests relate to the curriculum include:

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| + RSPCA | + conservation volunteers |
| + Landcare | + parks and conservation services |
| + Greening Australia | + catchment groups |
| + 'friends' of the botanical gardens/ museum/historical society | + astronomy societies |
| | + Streamwatch. |

CITIZEN SCIENCE PROJECTS

An internet search will reveal a vast array of opportunities that students can become involved in. Some examples include:

Learningscienceorg: www.learningscience.org

NOVA Labs for Educators: www.pbs.org/wgbh/nova/labs/educators

Zooniverse: www.zooniverse.org/projects

School of Ants: www.schoolofants.org

scistarter: www.scistarter.com/index.html