



## The APL Assessment Rubric for Unit Titled ‘Enterprising Pig Farmers’

### Audience: Teachers

#### STUDENT TASK:

The task is to work in pairs to research, record and collect information about the pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.

Students are to think creatively. They might draw a design demonstrating the sustainable principles that are at work on the pig farm; re-enact the processes and practices in a role play, podcast or video; communicate the practices using an interview format.

If designing, students are encouraged to try Google SketchUp <http://google-sketchup.en.softonic.com/> to create a 3 D design.

If creating a video, students are encouraged to try VoiceThread at <http://voicethread.com/>

If creating a podcast, students are encouraged to try using Audacity at <http://audacity.sourceforge.net/>

Alternatively, mash up various media, tying together video, audio, still images and text and create a Glog. See <http://www.glogster.com/>

Students are to bring their information together and present it so that the main processes involved can be communicated to an audience at the school, within the local community or via social media outlets like YouTube.

#### PROJECT RUBRIC:

Level 4	Level 3	Level 2	Level 1
Pairs have created and communicated all information about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	Pairs have created and communicated most of the information about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	Pairs have created and communicated partial information about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	Pairs have created and communicated little information about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.

The content showed clear evidence of research about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	The content showed some evidence of research about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	The content showed limited evidence of research pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.	The content showed little evidence of research about pig farms; their use of technologies and science knowledge and their farm management practices that manage resources sustainably.
Their presentation of ideas was communicated clearly and efficiently.	Their presentation of ideas was mostly clearly and efficiently communicated.	Their presentation of ideas was somewhat clearly and efficiently communicated.	Their presentation of ideas was not clearly and efficiently communicated.
They made creative use of digital technologies to illustrate their subject.	They made use of digital technologies to illustrate their subject.	They made some use of digital technologies to illustrate their subject.	They made little use of digital technologies to illustrate their subject.
They were able to answer all questions asked.	They were able to answer most questions asked.	They were able to answer some questions asked.	They were able to answer few questions asked.