What's happening in MYP classrooms?

Year 8 (3): Mathematics

Statement of Inquiry: 'Sustainable employment of resources is obtained through the use of accurate measurement in relationships.'

Big Barry Baker Landscaping
bigbarrybakerslandscaping.weebly.com

Big Barry Baker Landscaping is big on economy. Measure accurately, order resources correctly and receive great value for money.

This unit of inquiry involved the creation of a fictional landscaping business, ‘Big Barry Baker Landscaping’. This business has been contracted to landscape a variety of locations around Loreto College and has sub contracted our Year 9 students to undertake the tasks of:

- rendering the exterior wall of the tuck shop;
- modernising Acacia's fish pond;
- painting the netball courts;
- constructing a path through the indigenous garden;
- replacing the soil in various garden beds around the college;
- designing a circular paved area within the college grounds.

Students were asked to accurately measure the required components of each location. They then used these measurements in formulae to calculate the volume and surface area of each component in order to determine the amount of resources required to complete the job. Students then reflected on the logistics of completing a landscaping job and the correlation between accurate measurement and profitability.