Perfecting Percentages

Topic: Percentages, Decimals and Equivalent Fractions

A lesson designed to help students appreciate the usefulness of percentages for understanding proportion.

Year Group: 1st Year Level: Mixed Ability

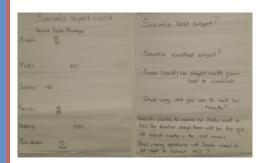
Presenting the Task

Last week Sarah's Report Card arrived home with the following results.

REPORT CARD	
English 15/20	
Maths 47%	
Science 0.73	
French 39/50	
History 68%	
Business Studies 111/200	
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Write the results in as many ways as you can.

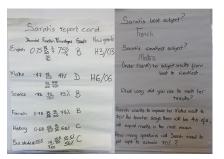
Flow of the Lesson













Prior Knowledge & Posing the Task 5 minutes



Students working on the problem

8 minutes



Presentation of Solutions & Ceardaíocht 20 minutes



Summing up & Reflection
5 minutes

Reflecting on the Learning

Students worked enthusiastically, switching with ease between decimals, fractions and percentages. Work was presented using a variety of layouts with one group making a link to statistics and drawing a bar chart. Links were also made to bank interest rates and the new Common Points scale. Students were observed self-correcting and fully engaged to the end of the lesson.





Developed by John Dromey, Niamh Hogan, Liz Purcell and Pearse Ryan with thanks to Séamus Ó Conghaile MDT and the students of Coláiste Mhuire, Askeaton, Co. Limerick.

To download this lesson plan visit www.projectmaths.je/mc2017





Maths Counts 2017

Engaging teachers in Lesson Study
Maynooth University, 3rd-4th March 2017



