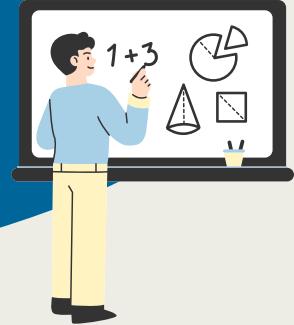


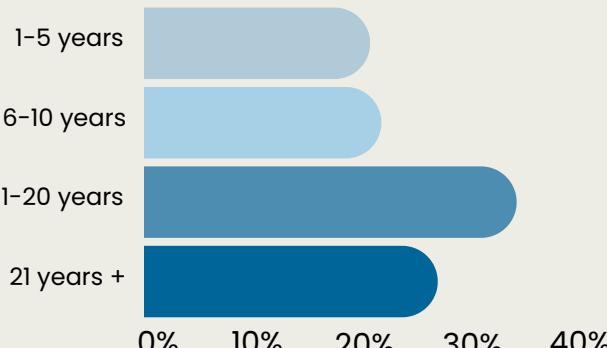
The Profile of Post-Primary Mathematics Teachers in Ireland

Evidence From PISA 2022

Karakolidis, A., Keating, A., Duggan, B., Cherry, G., & Laverty, B.



Years of teaching experience



Teaching time per week

37.5% of teachers spent 16 or more hours a week teaching mathematics

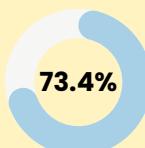
15.1% of teachers spent less than 6 hours a week teaching mathematics



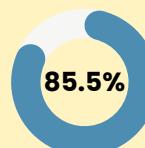
$$V = \frac{4}{3} \pi r^3$$

Teachers who agreed with these statements about mathematics

Junior Cycle



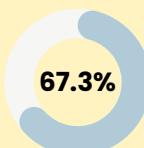
Adequate materials to teach all abilities



Highest achieving students feel challenged

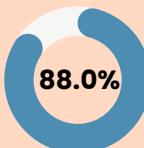
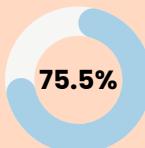


Literacy level for mathematics is a challenge



Students struggle with Higher Level examination

Senior Cycle



Activities in 3rd Year mathematics classes

Most emphasised

Whole class teaching activities



Analysing & understanding students' errors

Least emphasised

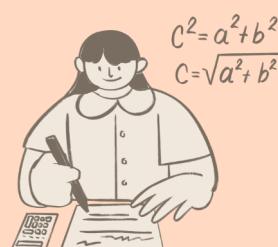
Student learning activities in small groups



Exploring how mathematics is used in various careers

Popular activities in Junior Cycle algebra

Encouraging students to practice skills & procedures



Linking algebra to other areas of mathematics

Purpose of TY mathematics

98.1%



To improve students' confidence in mathematics

78.3%



Introduce students to careers in mathematics