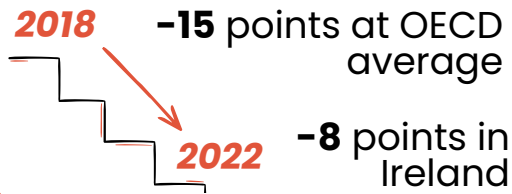


1 Mathematics performance


Ireland performed significantly above the OECD average 

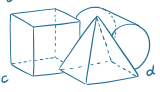
Performance decreased between 2018 and 2022:




Boys outperformed girls

Content areas

Strongest: Uncertainty & data 

Weakest: Space & shape 

Cognitive processes

Strongest: Interpreting 

Weakest: Formulating 

2 The mathematics classroom

24 average mathematics class size **students**


Irish students report a better **disciplinary climate** than OECD students on average 


 **25%** of Irish students use digital resources in more than half of mathematics lessons


3 Teaching and learning of mathematics

Compared to the OECD average, Irish students report **higher**:

Creative pedagogies 

Teacher support in the classroom 

Cognitive activation: foster reasoning 

Proactive mathematics behaviour 

BUT Irish students report **lower**:

Self-regulation 


4 Students' interaction with mathematics

% of Irish students whose principals report their school offers:

72% mathematics competition

53% computer focused club

39% mathematics club

Irish students report greater **exposure to mathematics tasks** than OECD students on average 

5 Students' attitudes and self-beliefs related to mathematics

94% want to do well in mathematics

Mathematics anxiety is:

Higher for Irish students than OECD students on average

Higher in 2022 than it was in 2012

Higher among girls than among boys

68% of Irish students agreed "I worry I will get poor grades in maths"