

## Introductory text for JCSP Statements Supporting The Junior Cycle Mathematics

The statements below were developed with input from a number of practicing Mathematics teachers in JCSP schools. They are offered as **one possible model** that teachers may use to approach the teaching, learning and assessment of the learning outcomes in the Curriculum Specification for Junior Cycle Mathematics. They will be adjusted over time based on feedback from teachers in JCSP schools.

The Mathematics specification may be accessed in full at [www.curriculumonline.ie](http://www.curriculumonline.ie)

In addition, professional supports for teaching Junior Cycle Mathematics may be accessed through the Mathematics section of the Junior Cycle for Teachers (JCT) website, at [www.jct.ie/maths/maths](http://www.jct.ie/maths/maths)

It is important to note that the statements below offer a sample approach for the creation of Junior Cycle Mathematics statements. They do not cover all of the learning outcomes which are expected to be taught in the new Junior Cycle course. It is envisaged that students would be given opportunities to experience rich learning through engaging with all of the learning outcomes in all of their classes.

Teachers are encouraged to engage with these statements as a possible approach to creating Mathematics statements for their own students. Students' teachers are best placed to develop statements which will support their own students in their own particular class and school context.

June, 2021

# Problem-Solving

## Mathematics

Statement Code No. MJC3

Student:

Class:

**I can:**

I have begun	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		I am working on this	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		I can	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	
<b>This has been demonstrated by my ability to:</b>								
1.	Rewrite a problem in my own words					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2.	Identify the key pieces of information within a problem					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3.	Apply the Mathematics I know to solve problems					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4.	Explain my answer and relate it back to the original question					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5.	Solve a problem and verify my answer					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6.	Solve a problem in more than one way					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.	Make links between the different areas of Mathematics to solve problems					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8.	Change my approach as I work through a problem, if necessary					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**Reflecting on my learning ...**

One thing I did well ...

One thing I might improve ...

I really enjoyed...

because...