Introductory text for JCSP Statements Supporting The Junior Cycle Science Statements

The statements below were developed with input from a number of practicing Science 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 Science. They will be adjusted over time based on feedback from teachers in JCSP schools.

The Science specification may be accessed in full at www.curriculumonline.ie . In addition, professional supports for teaching Junior Cycle Science may be accessed through the Science section of the Junior Cycle for Teachers (JCT) website, at www.jct.ie/science/science

It is important to note that the statements below offer a sample approach for the creation of Junior Cycle Science statements. They have been drafted from the unifying strand, 'The Nature of Science' strand. 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 aspects of the Nature of Science learning outcomes in all of their classes.

Teachers are encouraged to engage with these statements as a possible approach to creating Science 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.

I can demonstrate knowledge and understanding

Science

Statement code no. STJC4

Student: Name Surname **Class:** Class

I can:

I have begun ☐☐☐ | I am working on this ☐☐☐ | I can ☐☐☐

This has been demonstrated by my ability to:

1.	List the strengths of an investigation	☐	☐ ☐
2.	Recognise what I need to change in order to improve my investigation	☐	☐ ☐
3.	Explain how reliable and accurate my results are	☐	☐ ☐
4.	Answer questions about my investigation	☐	☐ ☐
5.	Go over my results and make a conclusion	☐	☐ ☐
6.	Explain why unusual results such as outliers occur	☐	☐ ☐
7.	Decide if my hypothesis has/has not been supported in the investigation	☐	☐ ☐
8.	Understand the work of a scientist	☐	☐ ☐
9.	Understand that science research and scientific discovery help make the world around me better	☐	☐ ☐
10.	Form an opinion based on evidence from my research	☐	☐ ☐
11.	Give research evidence and explain how and why it is suitable	☐	☐ ☐
12.	Make a connection between the conclusions of my investigation and the world around me	☐	☐ ☐
13.	Give suitable reasons, based on evidence, to support/justify my opinion	☐	☐ ☐

Reflecting on my learning...

One thing I did well... Text here

Text here

One thing that I might improve... Text here

Text here

I really enjoyed.....because... Text here

Text here