



Oide

Tacú leis an bhFoghlaim
Ghairmiúil i measc Ceannairí
Scoile agus Múinteoirí

Supporting the Professional
Learning of School Leaders
and Teachers

Phase 5: Engineering Statements 2023/2024



Introductory text for JCSP Statements Supporting The Junior Cycle Engineering

The statements below were developed with input from a number of practicing Engineering teachers in JCSP schools. They are offered **as one possible model** that teachers may use to approach the new Junior Cycle Engineering Specification. They will be adjusted over time based on feedback from teachers in JCSP schools.

The new Engineering Specification may be accessed in full at www.curriculumonline.ie.

In addition, support for teaching of the Junior Cycle Specification may be accessed through the Junior Cycle for Teachers (JCT) Technologies team at www.jct.ie.

It is important to note that the statements below offer a sample approach for the creation of Junior Cycle Engineering statements. They do not cover all of the learning outcomes which are expected to be taught in the new junior cycle course.

August 2023

Area of Experience

Materials Technology: Metal / Engineering

**MTM /
Engineering**

Student:

Class:

At Junior Cycle level I can:

Date Commenced: / /

Date Awarded: / /

ENJC1 I can understand the procedures, materials and processes in Engineering

☐ ☐ ☐

ENJC2 I can research, design and manufacture in Engineering

☐ ☐ ☐

ENJC3 I can communicate my understanding of Engineering concepts

☐ ☐ ☐

1. Theory

Demonstrate knowledge of engineering materials, equipment, processes and workshop safety

☐ ☐ ☐

2. Production of a piece of work

Apply the basic knowledge and skills necessary to produce artefacts using engineering materials

☐ ☐ ☐

3. Engineering Drawings

Interpret basic engineering drawings and follow basic design procedures

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Work begun ☐ ☐ ☐ | Work in progress ☐ ☐ ☐ | Work completed ☐ ☐ ☐