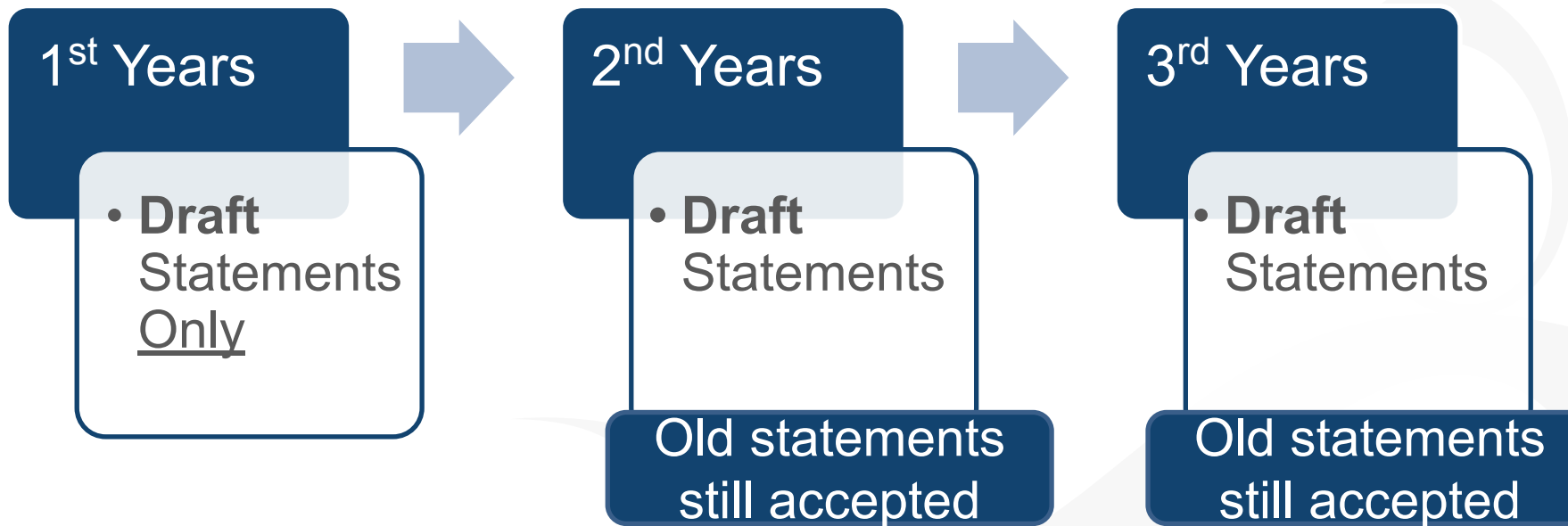


Phase 5: Engineering Statements 2022/2023



Draft Engineering Statements

The following statements comprise draft statements 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.

November 2021

Area of Experience

Materials Technology: Metal / Engineering

**MTM /
Engineering**

Student:

Class:

At Junior Cycle level I can:

Date Commenced: / /

Date Awarded: / /

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

ENJC2 DRAFT - I can research, design and manufacture in Engineering

ENJC3 DRAFT - 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

Work begun | Work in progress | Work completed