Introductory text for JCSP Statements Supporting The Junior Cycle Applied Technology

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

The new Applied Technology 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 Applied Technology 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
Applied Technology

Applied Technology

Student: Name Surname | Class: Class

At Junior Cycle level I can:

Date Commenced: ☐☐/☐☐/☐☐ | Date Awarded: ☐☐/☐☐/☐☐

ATJC1	I can manage myself and my work in Applied Technology	☐☐☐
ATJC2	I understand the role and impact of technology	☐☐☐
ATJC3	I can design, prototype and create final design solutions	☐☐☐
ATJC4	I can create controlled solutions to perform tasks safely and efficiently	☐☐☐

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

I can manage myself and my work in Applied Technology

Applied Technology

Statement Code: ATJC1

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.	Be on time for my Applied Technology class	☐	☐ ☐
2.	Have all my materials with me for my Applied Technology class	☐	☐ ☐
3.	Follow the rules of the Applied Technology classroom	☐	☐ ☐
4.	Work safely when using hand tools	☐	☐ ☐
5.	Use machinery correctly and in a safe manner	☐	☐ ☐
6.	Write three personal targets to help me in my Applied Technology class	☐	☐ ☐
7.	Create a storyboard showing the steps of how I made a project from start to finish	☐	☐ ☐
8.	Discuss at least 3 skills I used in completing a project	☐	☐ ☐
9.	Reflect on my work in my Applied Technology class	☐	☐ ☐
10.	Work with my teacher and other students in a positive and respectful manner	☐	☐ ☐

Reflecting on my learning...

One thing I did well... Text Here

Text Here

One thing I did to improve... Text Here

Text Here

I really enjoyed... Text Here because... Text Here

Text Here

I understand the role and impact of technology

Applied Technology

Statement Code: ATJC2

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.	Break down a problem into steps	☐	☐ ☐
2.	Carry out both primary and secondary research	☐	☐ ☐
3.	List two areas where technology plays an important role in your local community	☐	☐ ☐
4.	Discuss how technology can solve problems	☐	☐ ☐
5.	Give an example of how technology has changed a product	☐	☐ ☐
6.	Give an example of how technology has made an impact on a manufacturing process	☐	☐ ☐
7.	List three ways how technology has helped to reduce waste	☐	☐ ☐
8.	Discuss positive and negative impacts of technology	☐	☐ ☐
9.	List two examples of renewable energy sources	☐	☐ ☐
10.	Identify two energy saving devices that could be used in a school	☐	☐ ☐

Reflecting on my learning...

One thing I did well... Text Here

Text Here

One thing I did to improve... Text Here

Text Here

I really enjoyed... Text Here because... Text Here

Text Here

I can design, prototype and create final design solutions

Applied Technology

Statement Code: ATJC3

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.	Sketch a solution to include measurements	☐	☐ ☐
2.	Use annotations to explain my design	☐	☐ ☐
3.	Create a prototype	☐	☐ ☐
4.	Prepare a cutting list	☐	☐ ☐
5.	Create a project plan to help keep me on track	☐	☐ ☐
6.	Select suitable equipment to perform a task	☐	☐ ☐
7.	Select suitable processes to perform a task	☐	☐ ☐
8.	Pay attention to detail when finishing a project	☐	☐ ☐
9.	List three things that were difficult during the design and making of a project	☐	☐ ☐
10.	List three things that you would do differently if you were to make the project again	☐	☐ ☐

Reflecting on my learning...

One thing I did well... Text Here

Text Here

One thing I did to improve... Text Here

Text Here

I really enjoyed... Text Here because... Text Here

Text Here

I can create controlled solutions to perform tasks safely and efficiently

Applied Technology

Statement Code: ATJC4

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.	Draw simple circuit diagrams	☐	☐ ☐
2.	Represent at least three components using their symbols	☐	☐ ☐
3.	Follow safety procedures when soldering	☐	☐ ☐
4.	Discuss how energy is converted from one form to another	☐	☐ ☐
5.	Describe how an input transforms into an output	☐	☐ ☐
6.	Test my circuit design	☐	☐ ☐
7.	Design a circuit using digital software	☐	☐ ☐
8.	List three different mechanisms and state where they could be used	☐	☐ ☐
9.	Create a control solution to solve a problem	☐	☐ ☐
10.	Find a fault in a circuit	☐	☐ ☐

Reflecting on my learning...

One thing I did well... Text Here

Text Here

One thing I did to improve... Text Here

Text Here

I really enjoyed... Text Here because... Text Here

Text Here