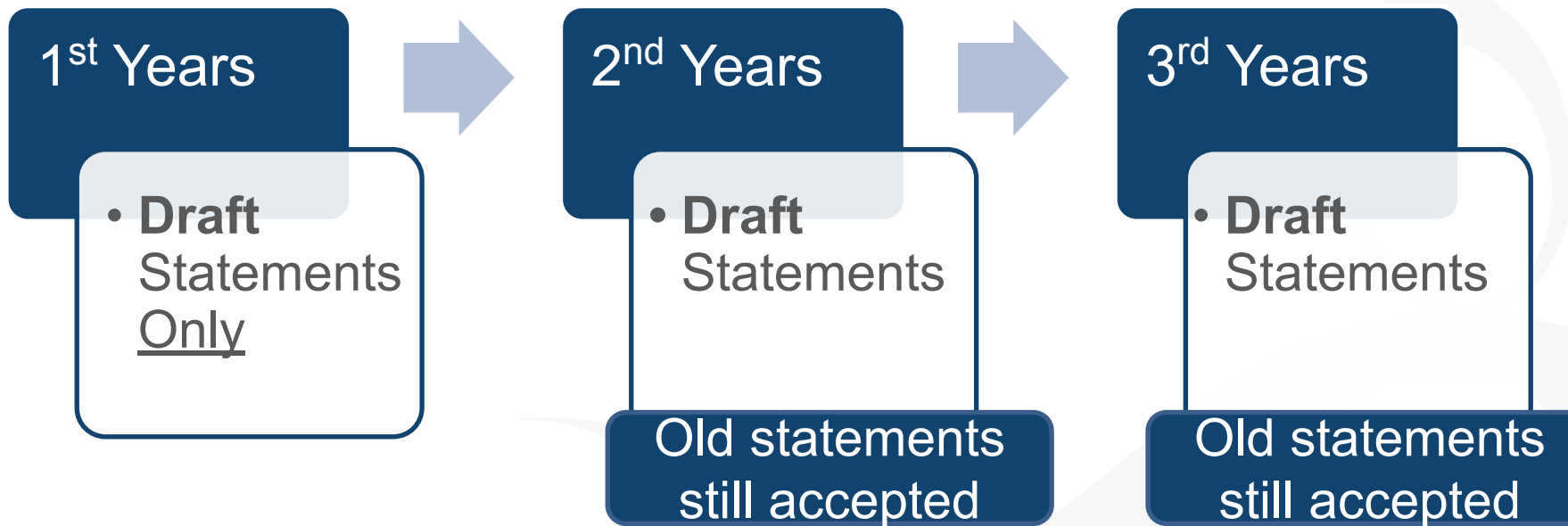


Phase 5: Applied Technology Statements 2022/2023



Draft Applied Technology Statements

The following statements comprise draft statements 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.

December 2021

I can manage myself and my work in Applied Technology

Applied Technology

Statement Code: ATJC1

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

Reflect on my learning...

One thing I did well...

One thing I did to improve...

I really enjoyed...

because...

I understand the role and impact of technology

Applied Technology

Statement Code: ATJC2

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

Reflecting on my learning...

One thing I did well...

One thing I did to improve...

I really enjoyed...	because...
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I can design, prototype and create final design solutions

Applied Technology

Statement Code: ATJC3

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"/>

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...

One thing I did to improve...

I really enjoyed...	because...
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I can create controlled solutions to perform tasks safely and efficiently

**Applied
Technology**

Statement Code: ATJC4

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

Reflecting on my learning...

One thing I did well...

One thing I did to improve...

I really enjoyed...

because...