Reflection Strategy – Supporting the realisation of a solution

This strategy was developed as part of an Applied Technology CPD 2020/2021 workshop which took place during the 2020/2021 school year. All materials used during this workshop can be viewed in the Technologies section of www.jct.ie within the 'CPD Workshops' tile.

Who is this strategy for?

This strategy is for all Junior Cycle students to support the development of reflection, analysis and evaluation skills.

What is this strategy?

This strategy provides students with an opportunity to pause, reflect, analyse, and make judgements on their learning journey and skills at a particular moment in time. It supports students in making judgements about the quality and progress of their work and in the context of a project and how to best realise a final solution. This reflection strategy could inform future learning and skill progression.

When can students use this strategy?

This reflection strategy can be used by students following the prototyping stage of a project to inform the next phase of completing their final design. There are three sections: *Identify & Reflect, Analyse* and *Evaluate* with short prompt questions in each to promote thinking and reflection in relation to skills. The format is designed to be accessible and quick for students to complete.

Where can I find this strategy?

This strategy was used in the context of a unit of learning in the Applied Technology 2020/2021 CPD workshop which can be found here. It also features in the **Teaching and Learning Classroom Supports** in the **Resources** section of the JCT website, found here.

Why should I use this strategy?

This reflection strategy encourages students to identify the range and depth of their skill development, in the context of a project. It also supports students in setting achievable and manageable targets. It reminds students to ask for help, to listen to feedback and to effectively manage their time and resources.

How can I apply this strategy?

It is encouraged to use this strategy as a starting point and adapt the questions to suit your students and your context. The prompt questions within each of the three sections can be adapted to relate to the chosen learning outcomes or the development of specific skills which your unit of learning focuses on.

Reflection Moment:

How can I best realise my final solution?

Instruction:

Identify and reflect on any **two** skills you will need to **focus on** to realise your final solution.

Analyse: What do you consider your **areas of strength** and **areas for improvement** in relation to both skills?

Evaluate: To inform future learning, **make judgements** about your skill development at this moment in time. **Plan** how to **further develop** these skills to **realise** your final solution.