Top 3 reasons why the Programming Project matters

Introduction

This guide is intended for you, the student. It will help you see why the Programming Project is **important** to your GCSE Computer Science, even though it does not directly count towards your final grade.
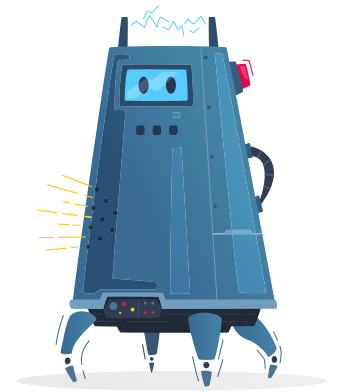
We believe that the skills you will develop will not just help you in exams, but in any future job and in life generally! These are our **Top 3 reasons** why the Programming Project matters.

1   It may help you in your future job

For many companies and employers, programming is important. It shows that you can think **logically** and **creatively**. It develops your resistance to 'giving up' when things go wrong.

Being able to identify solutions to problems, build/create those solutions and then make sure those solutions work are **transferable skills**.

Programming is an important skill in many jobs such as Cyber Security, Robotics and Artificial Intelligence. You are building skills for **the future!**

2   It will help you if you take A Level Computer Science

The Programming Project helps to prepare you for the A Level project.

Learning a programming language now will allow you to use that language later for your A Level. It provides a **great start** to build on.

The Programming Project follows a similar process to the A Level project and will provide valuable experience for the future.

3   It helps you prepare for your exam

The Programming Project gives you practical experience of the content you need to know for the written exams. This year, nearly **40%** of the marks in the written exams were linked to skills in the Programming Project*. This includes things like algorithms and sub-programs.

Being able to learn and practise these skills with the support of your teacher could really **make a difference** to your performance in the exams.