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Teacher's Introduction

This resource pack is designed to help you support your students taking the **A Level Computer Science Paper 1** exam. It is based on the *Hex Baron* preliminary material (Python³) – for examination summer 2021.

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* PRINTED COPIES OF ALL THE	MATERIALS IN THIS	DIGITAL RESOURC	CE PACK ARE INCLUDED FOR REFERENCE.
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The resource pack consists of the following:

1 Pre-release Commentary including a general explanation of how the program works (text and video), plus a more detailed, technical overview* describing each subroutine class and method in turn.

*Note: although this section is intended to give extra support to teachers and students, it should in no way be seen as a substitute to a student exploring the code for themselves.

2 Class Diagram Tasks

Three class diagram tasks for students to complete while getting to grips with the skeleton program. A mark scheme is provided via the *Solutions* web page as a password-protected PDF.

3 Written Questions

Theory questions testing students' understanding of the skeleton program, like Section C in the exam. These questions require access to the program, but no modifications need to be made to the program. Write-on (with answer lines) and non-write-on version are available format. Suggested answers are provided via the *Solutions* web page as a password-protected PDF.

4 Programming Tasks

Fifteen modification exercises put students' programming skills to the test, like Section D in the exam. Example solutions with suggested mark schemes are provided via the *Solutions* web page as a password-protected PDF. Note that these are example solutions and you must use your discretion to award marks accordingly where there are valid alternative solutions.

An **Electronic Answer Document (EAD)** is provided should you wish students to use it for ③ and/or ④ above.

This resource is intended to supplement your teaching only. Please read full disclaimer (p. iii) before using it.