

Grading Criteria - Computing

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- Understand, use and apply Computer Science and Creative iMedia terminology effectively.
- Use a range of programming techniques in multiple text-based languages confidently.
- Write efficient code using a wide range of techniques and data structures.
- Analyse and decompose a range of complex problems and create a solution without any help.
- Debug code effectively without any support.
- Create solutions which demonstrate clear and detailed consideration of target audience and for a specific client brief.
- Use techniques effectively to source, select, store and repurpose appropriate effectively, in a wide range of contexts.
- Work independently and manage time effectively.
- Demonstrate in depth research, analytical and evaluative skills.
- Demonstrate, adapt and apply high levels of creativity.
- Present information in an articulate manner, with a thorough awareness and understanding of audience and purpose.
- Create graphics using a wide range of advanced skills and techniques, and export these as appropriate file types.
- Create websites that contain high levels of functionality and compatibility amongst various devices.

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- Use a range of programming techniques in multiple text-based languages.
- Systematically resolve errors and build robust programs.
- Analyse and decompose a range of complex problems and create a solution with minimal help.
- Debug code effectively with minimal support.
- Create solutions which demonstrate clear and detailed consideration of target audience and for a specific client brief.
- Demonstrate in depth research, analytical and evaluative skills.
- Demonstrate, adapt and apply high levels of creativity.
- Use techniques effectively to source, select, store and repurpose appropriate effectively, in a wide range of contexts.
- Create graphics using a wide range of advanced skills and techniques, and export these as appropriate file types.

	<ul style="list-style-type: none"> ● Present information in an articulate manner, with a thorough awareness and understanding of audience and purpose. ● Create websites that contain high levels of functionality and compatibility amongst various devices.
7	<ul style="list-style-type: none"> ● Use more than one text-based programming language. ● Always write programs using suitable functions. ● Create solutions which demonstrate a thorough understanding of target audience and for a specific client brief. ● Confidently use and apply a wide range of techniques to create work that is fit for purpose. ● Use techniques effectively to source, select, store and repurpose appropriate effectively, in a wide range of contexts. ● Present information in a strong manner, with a sound awareness and understanding of audience and purpose. ● Create graphics using a range of advanced skills and techniques, and export these as appropriate file types. ● Create websites that contain good levels of functionality and most compatibility amongst various devices.
6	<ul style="list-style-type: none"> ● Analyse and decompose a more complex problem with some help. ● Use more than one text-based programming language. ● Use variables and data types effectively. ● Create solutions which demonstrate a sound understanding of target audience and for a specific client brief. ● Use and apply a sound range of techniques to create work that is fit for purpose. ● Present information in a strong manner, with a sound awareness and understanding of audience and purpose. ● Create graphics using a range of standard skills and techniques, and export these as appropriate file types. ● Create websites that contain sound levels of functionality and some compatibility amongst devices.
5	<ul style="list-style-type: none"> ● Analyse and decompose a simple problem. ● Use variables and data types effectively with some support. ● Explain what functions are. ● Create solutions which demonstrate a sound understanding of target audience and for a specific client brief. ● Use and apply a sound range of techniques to create work that is fit for purpose. ● Present information in a strong manner, with a sound awareness and understanding of audience and purpose. ● Create graphics using a range of standard skills and techniques, and export these as image file types. ● Create websites that contain sound levels of functionality and most compatibility amongst various devices.

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- Work out the outcome of an algorithm using different data.
- Use variables and data types effectively with support.
- Explain what functions are.
- Create solutions which demonstrate a sound understanding of target audience and for a specific client brief.
- Use and apply a sound range of techniques to create work that is fit for purpose.
- Create graphics using a range of standard skills and techniques, and export these as image file types.
- Create websites that contain some levels of functionality and some compatibility amongst various devices.

3

- Write a basic program with minimal support.
- Use variables and data types with some support.
- Explain what a basic function is.
- Create solutions which demonstrate a basic understanding of target audience and for a specific client brief.
- Use and apply a range of techniques to create work that is somewhat fit for purpose.
- Create graphics using some standard skills and techniques, and export these as an image.
- Create websites that contain basic levels of functionality and some compatibility amongst various devices.

2

- Write a basic program with support.
- Explain what a variable and data type is.
- Explain what a basic function is with some support.
- Create solutions which demonstrate a limited understanding of target audience and for a specific client brief.
- Use and apply a limited range of techniques to create work that is somewhat fit for purpose.
- Create graphics using limited standard skills and techniques.
- Create websites that contain limited levels of functionality and limited compatibility amongst various devices.

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- Write a basic program with lots of support.
- Explain what a variable and data type is with support.
- Explain what a basic function is with lots of support.
- Create solutions which demonstrate a limited understanding of target audience and for a specific client brief.
- Use and apply a limited range of techniques to create work that is somewhat fit for purpose.
- Create graphics using limited standard skills and techniques.
- Create websites that contain limited levels of functionality and limited compatibility amongst various devices.

