

Project Rubric Stage 4 component sheet



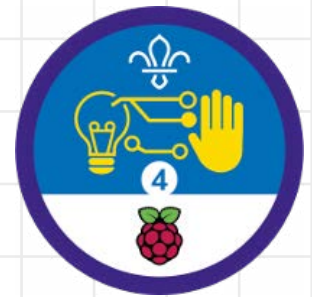
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|------------------------|--|--|--|--|
| <p>Analysis</p> | <p>Comprehensive analysis of a real problem, presented in a way that's easy to understand.</p> <p>All requirements are fully documented in a set of measurable, relevant objectives. This covers all functions of the solution attempted or all areas of investigation.</p> <p>All requirements are determined by talking and thinking about the needs of intended users of the system, or anyone referenced in the outcomes for investigative projects.</p> | <p>Analysis of a real problem is well thought-out, but there are some minor omissions that are not serious enough to undermine the design.</p> <p>Most requirements are well documented in a set of broadly measurable and relevant objectives that cover lots of the functions of a solution attempted or areas of investigation.</p> <p>Most requirements are determined by talking and thinking about the needs of the intended users of the system, or anyone referenced in the outcomes for investigative projects.</p> | <p>Partial analysis of a problem.</p> <p>Requirements are partly documented in a set of relevant objectives, some of which are measurable and suitable for working towards a solution. The required functions and areas of investigation are partly addressed.</p> <p>Some attempt to talk and think about the needs of the intended users of the system, or anyone referenced in the outcomes for investigative projects.</p> | <p>No analysis or real planning shown.</p> |
| <p>Design</p> | <p>Comprehensive and articulate design for a real problem, which shows how all or almost all of the key aspects of the solution or investigation are structured.</p> | <p>An adequate, articulate design for a real problem that shows how most of the key aspects of the solution or investigation are structured.</p> | <p>A partial, articulate design for a real problem that shows how some aspects of the solution or investigation are structured.</p> | <p>Inadequate and inarticulate design of a solution, which makes it hard to see how the solution or investigation is structured without looking directly at the programmed solution.</p> |

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| Implementation | A system that meets almost all of the requirements of the design brief. Any changes to or different versions of the design are recorded in the reporting. | A system that achieves many of the requirements set out in the design brief, but not all. Any changes to the initial design are recorded in the reporting and documentation. | A system that covers some aspects of the initial design without straying too far from the original idea. Some changes from the initial design are documented or referenced in the reporting. | A system that's not like the design presented and shows no record of any changes. |
| Technical difficulty | A system that combines all of the following: programming, digital art, digital devices, electronic components and other appropriate materials. | A system that combines several of the following aspects: programming, digital art, digital devices, electronic components and other appropriate materials. | A system that combines only two of the following aspects: programming, digital art, digital devices, electronic components and other appropriate materials. | A system that contains only one of the following aspects: programming, digital art, digital devices, electronic components and other appropriate materials. |
| Evaluation/ Reporting | A clear report is provided on all actions and changes undertaken during the development process, with explanations of how issues were overcome, reasons for version changes made, and advice for others planning to do the same project. | A clear report is provided on actions and changes undertaken during the development process, including explanations of how issues were overcome, and reasons for version changes made. | Basic reporting on actions undertaken during the development process. This doesn't explain changes or difficulties overcome by the developers. | No report is provided on the actions and changes undertaken during the development process. |

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Replication/ Delivery

A digital making event has been attended and work has been exhibited. Presentation of the project was clear and concise, with easy-to-follow instructions that can be used again.

AND

Assistance has been given to other groups working towards a Digital Maker Staged Activity Badge of a lower level.

A digital making event has been attended and work has been exhibited. Presentation of the project was clear and concise, with easy-to-follow instructions that can be used again.

OR

Assistance has been given to other groups, leading to them completing a Digital Maker Staged Activity Badge of a lower level.

A digital making event has been attended and work has been exhibited. Presentation of the project showed some understanding to the audience, while some simple instructions were also provided.

OR

Assistance has been given to other groups who are working towards a Digital Maker Staged Activity Badge of a lower level.

No exhibition of any work from the project has taken place, and no support has been given to others doing a Digital Maker Staged Activity Badge.

