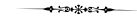




សាកលវិទ្យាល័យ សេស៊ីអិសឥស្សីអេសសៀ

UNIVERSITY OF SOUTH-EAST ASIA



RUBRIC FOR PROJECT WORK

| Attribute/Dimension/criteria | Score | Very Poor | Poor | Acceptable | Good | Very Good |
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| Problem of the project | 5 | [0.00-1.00] - Problem is not clearly stated. | [1.01-2.00] - Problem is somewhat addressed. | [2.01-3.00] - Problem is addressed. | [3.01-4.00] - Problem is meaningful, and fits the project. | [4.01-5.00] - Problem is new and meaningful |
| Background of the project | 5 | - [0.00-1.00] - The project has no specifics and one example. - No ideas are explained. - Student doesn't address all areas: history, biology, and pros and cons. | [1.01-2.00] - The project has little specifics and one example. - Two or less ideas are explained. - Student doesn't address all areas: history, biology, and pros and cons. | [2.01-3.00] - The project has some specifics and a couple examples. - Few ideas are explained. - Student doesn't address all areas: history, biology, and pros and cons. | [3.01-4.00] - The project has many specifics and some examples. - Most ideas are explained. - Student mostly addresses the history, biology, and pros and cons. | [4.01-5.00] - The project is thorough, specific, has many examples. - All ideas are clearly explained. - History, biology, and pros and cons are fully addressed. |
| Experimental Design/ Materials/ Procedure | 10 | - [0.00-2.00] - Procedure is inadequate. A few steps of procedure are listed. | - [2.01-4.00] - Procedure is inadequate. - Steps of procedure are mostly listed. | - [4.01-6.00] - Procedure is appropriate. Steps of procedure are mostly listed. | - [6.01-8.00] - Procedure is appropriate, thorough. - Steps of procedure | - [8.01-10.00] - Procedure is detailed, appropriate, and thorough. |

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| | | <ul style="list-style-type: none"> - No materials are listed. - Safety issues were not addressed. | <ul style="list-style-type: none"> - Few materials are listed. - Safety issues were not addressed. | <ul style="list-style-type: none"> - Most materials are listed. - Safety issues were not addressed. | <ul style="list-style-type: none"> are listed and mostly sequential, most materials are listed. - Safety issues may have been addressed. | <ul style="list-style-type: none"> - Steps of procedure are listed and sequential, all materials are listed. - Safety issues have been addressed. |
| Variables/Controls/ Sample size | 5 | <ul style="list-style-type: none"> - [0.00-1.00] - Missing two or more of the variables or the controls. - Sample size is not considered. | <ul style="list-style-type: none"> - [1.01-2.00] - Missing one variable or control. - Sample size is not considered. | <ul style="list-style-type: none"> - [2.01-3.00] - Variables have somewhat been identified. - Controls are somewhat known. - Sample size is not appropriate. | <ul style="list-style-type: none"> - [3.01-4.00] - Variables have been identified. - Controls are appropriate and in place. - Sample size is appropriate. | <ul style="list-style-type: none"> - [4.01-5.00] - Variables have been identified. - Controls are appropriate, in place, and explained. - Sample size is appropriate and explained. |
| Data Collection | 10 | <ul style="list-style-type: none"> - [0.00-2.00] - Use of the English System. - Poor number of trials/sample size. - No use of photos/charts/ graphs to display data. | <ul style="list-style-type: none"> - [2.01-4.00] - Use of the English System. - Poor number of trials/sample size. - Poor use of photos/charts/ graphs to display data. | <ul style="list-style-type: none"> - [4.01-6.00] - Use of the Metric System. - Adequate number of trials/sample size. - Fair use of photos/charts/graphs to display data. | <ul style="list-style-type: none"> - [6.01-8.00] - Use of the Metric System. - Adequate number of trials/sample size. - Some use of photos/charts/graphs to display data. | <ul style="list-style-type: none"> - [8.01-10.00] - Proper use of the Metric System. - Adequate number of trials/sample size. - Appropriate use of photos/charts/graphs to display data. |
| Analysis | 10 | <ul style="list-style-type: none"> - [0.00-2.00] - Conclusions are not supported by the data. - No sources of error have been considered. - Explanation is not attempted for how or why the hypothesis | <ul style="list-style-type: none"> - [2.01-4.00] - Conclusions are not supported by the data. - A few sources of error have been considered. - Explanation is attempted for how or why the hypothesis | <ul style="list-style-type: none"> - [4.01-6.00] - Conclusions are not clearly supported by the data. - Some sources of error have been considered. - Explanation is | <ul style="list-style-type: none"> - [6.01-8.00] - Conclusions are supported by the data. - Some sources of error have been considered. - Explanation is made | <ul style="list-style-type: none"> - [8.01-10.00] - Conclusions are supported by the data. - Sources of error have been considered. - Explanation is made |

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| | | <p>was supported or rejected.</p> <ul style="list-style-type: none"> - Reflection of what was learned and how it could be made better is not made. | <p>was supported or rejected.</p> <ul style="list-style-type: none"> - Reflection of what was learned and how it could be made better is poor. | <p>attempted for how or why the hypothesis was supported or rejected.</p> <ul style="list-style-type: none"> - Reflection of what was learned and how it could be made better is made. | <p>for how or why the hypothesis was supported or rejected.</p> <ul style="list-style-type: none"> - Reflection of what was learned and how it could be made better is made. | <p>for how or why the hypothesis was supported or rejected.</p> <ul style="list-style-type: none"> - Experimental meaning is conveyed. - Reflection of what was learned and how it could be made better is made. |
| Visual Display Poster Board | 5 | <ul style="list-style-type: none"> - [0.00-1.00] - Board is poor. - Spelling and grammar have many mistakes. - Graphs and charts are missing. | <ul style="list-style-type: none"> - [1.01-2.00] - Board is fair. - Spelling and grammar have many mistakes. - Graphs and charts are unclear. | <ul style="list-style-type: none"> - [2.01-3.00] - Board is neat. - Spelling and grammar are somewhat correct. - Graphs and charts are somewhat labeled. | <ul style="list-style-type: none"> - [3.01-4.00] - Board is neat and attractive. - Spelling and grammar are mostly correct. - Graphs and charts are mostly labeled. | <ul style="list-style-type: none"> - [4.01-5.00] - Board is neat, attractive, and creative. - Spelling and grammar are correct. - Graphs and charts are properly labeled. |
| Visual Display PowerPoint | 5 | <ul style="list-style-type: none"> - [0.00-1.00] - PowerPoint is unclear, and long bullets are used to make statements. - Graphics are not used. | <ul style="list-style-type: none"> - [1.01-2.00] - PowerPoint is unclear, and moderately long bullets are used to make statements. - Graphics are used in a fair manner | <ul style="list-style-type: none"> - [2.01-3.00] - PowerPoint is clear, and moderately long bullets are used to make statements. - Graphics are used in a good manner. | <ul style="list-style-type: none"> - [3.01-4.00] - PowerPoint is clear, concise and short bullets are used to make statements. - Graphics are used in a good manner. | <ul style="list-style-type: none"> - [4.01-5.00] - PowerPoint is clear, concise and short bullets are used to make statements. - Graphics are used in an appropriate manner. |
| Interview | 10 | <ul style="list-style-type: none"> - [0.00-2.00] - Student(s) display a poor level of subject knowledge from the project and the process of completing the experiment. | <ul style="list-style-type: none"> - [2.01-4.00] - Student(s) display a low level of subject knowledge from the project and the process of completing the experiment. | <ul style="list-style-type: none"> - [4.01-6.00] - Student(s) display a fair level of subject knowledge from the project and the process of completing the | <ul style="list-style-type: none"> - [6.01-8.00] - Student(s) display a moderate level of subject knowledge from the project and the process of completing the | <ul style="list-style-type: none"> - [8.01-10.00] - Student(s) display a high level of subject knowledge from the project and the process of completing the |

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| | | - Student(s) speak unclearly. | - Student(s) speak unclearly. | experiment. - Student(s) speak clearly. | experiment. - Student(s) speak clearly. | experiment. - Student(s) can extrapolate from the experiment. - Student(s) speak clearly. |
| Presentation | 10 | - [0.00-2.00] - One or more Student(s) do not speak. Grammar is poor and background knowledge is unclear. | - [2.01-4.00] - Each student speaks using moderate grammar and is able to present background knowledge in a somewhat clear manner. | - [4.01-6.00] - Each student speaks clearly, using good grammar and is able to present background knowledge in a somewhat clear manner. | - [6.01-8.00] - Each student speaks clearly, using good grammar and is able to present background knowledge in a clear manner. | - [8.01-10.00] - Each student speaks loudly and clearly, using appropriate grammar and is able to present background knowledge in a succinct manner. |
| Findings and discussion | 20 | - [0.01-4.00] - Very little finding/data. Artificial/wrong data. | - [4.01-8.00] Little finding/data. Wrong data/Plagiarized finding/data. | - [8.01-12.00] Some finding/data and discussion are somewhat clear. There are some finding but not summary and there are no or very little discussion. | - [12.01-16.00] Good finding/data and discussion. There are some summary with good SWOT Analysis. | [16.10-20.00]: Very Good finding/data and discussion. There are very good summary with very good SWOT Analysis. |
| Works Cited | 5 | - [0.01-1.00] - Three or less references are cited and referenced throughout the paper and presentation. | - [1.01-2.00] - Four references are cited and referenced throughout the paper and presentation. | - [2.01-3.00] - Five references are cited and referenced throughout the paper and presentation. | - [3.01-4.00] - Six references are cited and referenced throughout the paper and presentation. | - [4.01-5.00] - Seven references are cited in APA format and referenced throughout the paper and presentation. |