1. Mathematics and Information science / 2. Social Science /

3. Geology / 4. Physics / 5. Biology / 6. Chemistry /

## **Rubric for Poster Presentation**

7. SST①(Team4F) / 8. SST②(Team6F)

|                                       |                                                               | 3                                                                                                                                                                                                                             | 2                                                                                                                          | 1                                  |
|---------------------------------------|---------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|                                       |                                                               | Superior                                                                                                                                                                                                                      | Not bad                                                                                                                    | Require efforts                    |
| The ability to<br>achieve<br>research | Students set their own research theme appropriately           | <ul> <li>confirm how previous research was done</li> <li>perform previous learning through documentary<br/>searches</li> <li>original and meaningful theme</li> </ul>                                                         | <ul> <li>confirm how previous research was done</li> <li>perform previous learning through documentary searches</li> </ul> | ∙ insufficient                     |
|                                       | Students have clear purposes for their study                  | <ul> <li>set their purposes based on the motivation of the research</li> <li>able to verify their purpose scientifically</li> </ul>                                                                                           | <ul> <li>set their purposes based on the motivation of the research</li> </ul>                                             | • insufficient                     |
| The ability to think about            | Students have conducted appropriate experiments               | <ul> <li>concrete methods and results of the experiments</li> <li>summarize the results on the chart</li> <li>display the results in chronological order</li> <li>summarize the results on the pictures and graphs</li> </ul> | <ul> <li>concrete methods and results of the experiments</li> <li>summarize the results on the chart</li> </ul>            | <ul> <li>∙ insufficient</li> </ul> |
| things from<br>many                   | Students show enough data                                     | <ul> <li>show the number of experiments and specimens</li> <li>record sufficient data to the extent in which the data shows normal mathematical distributions</li> </ul>                                                      | <ul> <li>show the number of experiments and specimens</li> <li>record sufficient data</li> </ul>                           | • insufficient                     |
| perspectives                          | Students summarize their research on the poster appropriately | <ul> <li>show conclusions based on the results of<br/>experiments and examinations</li> <li>show the process from results to conclusion</li> </ul>                                                                            | <ul> <li>show conclusions based on the results of<br/>experiments and examinations</li> </ul>                              | • insufficient                     |
| The ability to explore                | Students highly contribute to society                         | <ul> <li>relation with society and our life is mentioned</li> <li>their research can quickly respond to what society<br/>requires</li> <li>utilization in society can be expected</li> </ul>                                  | $\cdot$ relation with society and our life is mentioned                                                                    | <ul> <li>Insufficient</li> </ul>   |
| Communicat<br>ion skills              | It is easy to understand the words, graphs and charts         | <ul> <li>words, figures and pictures are used appropriately</li> <li>easy to see the poster because charts and colors are<br/>used appropriately</li> </ul>                                                                   | <ul> <li>words, figures and pictures are used appropriately</li> </ul>                                                     | • insufficient                     |
|                                       | Students can explain logically                                | can give their opinions logically and deepen discussion with participants                                                                                                                                                     | $\cdot$ can give their opinions and discuss with participants                                                              | • insufficient                     |
| Linguistic<br>ability                 | Students can make<br>themselves understood in<br>English      | <ul> <li>appropriate words and grammar are used in each sentence</li> </ul>                                                                                                                                                   | <ul> <li>most words and grammar are appropriate</li> </ul>                                                                 | • insufficient                     |

## Comment

Judge's name

## Kumamoto Kita High School