Group Members Names: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_\_\_\_\_

Rubric for Respiratory Disease and Air Pollution Poster Project

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Learning Target** | **4** | **3** | **2** | **1** |
| **Standard** | **5th Life Science Standard 2: Human body systems have basic structures, functions and needs. Students can describe how organs are impacted when different body systems fail to work correctly.** | | | |
| **Describe your group’s respiratory disease and how it affects a person’s breathing** | Poster contains full description of lung disease using words and pictures including person’s signs and symptoms. | Poster contains good description of lung disease and how it affects a person’s breathing using words and pictures. | Poster contains a brief description of the lung disease using words and/or pictures. | Poster contains name of lung disease with limited information. |
|  |  | | | |
| **Show how your group’s respiratory disease directly affects all or part of the respiratory system** | Poster clearly shows with words and pictures which part or parts of the respiratory system are directly affected by this disease/medical condition. | Poster shows with words or pictures which part or parts of the respiratory system are affected by this disease/medical condition | Poster briefly shows with words or pictures which part or parts of the respiratory system are affected by this disease/medical condition. | Poster fails to show in pictures or words which part or parts of the respiratory system are affected by this disease. |
| **Describe possible causes and/or triggers for the respiratory disease/medical condition selected by your group.** | Poster contains probable causes and/or triggers of selected lung disease, along with citing sources of information. | Poster contains some possible causes and/or triggers of selected lung disease, along with reference sources. | Poster briefly mentions possible causes and/or triggers of selected lung disease without citing references. | Poster does not mention possible causes or triggers of lung disease. |
| **Standard** | **5th Life Science Standard 2: Human body systems have basic structures, functions and needs. Utilize an evidence-based scientific explanation regarding how humans address basic survival needs.** | | | |
| **Explain how the Air Quality Index (AQI) works and how people can use the AQI information to their benefit.** | Poster contains drawing Poster contains drawing Poster contains picture Poster contains  or picture of AQI with a or picture of AQI with or drawing of AQI with no AQI picture  full explanation of the AQI brief explanation of incomplete explanation or explanation.  values and the AQI values and of AQI values or  recommendations. recommendations. recommendations. | | | |
| **During the High Park fire in 2012, there were days when AQI was 150+ in northern CO.**  **An outdoor soccer tournament is scheduled in Fort Collins. Would you recommend the games be played? Why/why not?** | **Please write your group’s recommendation below with justification:** | | | |