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| **Components** | **Level 1** | **Level 2** | **Level 3** | **Level 4** |
| Presentation | • very messy• very little organization is evident• lacks creativity in design | • untidy in appearance• some degree of organization is evident• standard/plain design | • attractive in appearance• displays organization• evidence of creativity in design | • very professional in appearance• excellent organization• displays creativity in design of title page |
| **Content** | • topic is described in poor detail • did not use scientific knowledge to describe the chemistry of the compound  | • topic is described in little detail • used little scientific knowledge to describe the chemistry of the compound  | • topic is described in detail • used scientific knowledge to describe the chemistry of the topic  | • topic is described in significant detail • used sound scientific knowledge to describe the chemistry of the topic |
| Communication | • communicates information and ideas with limited clarity and precision• uses scientific terminology with limited accuracy and effectiveness• many spelling and grammatical errors | • communicates information and ideas with moderate clarity and precision• uses scientific terminology and symbols with some accuracy and effectiveness• some spelling and grammatical errors  | • clear and logical flow of ideas in written report• usually uses scientific terminology and symbols with a degree of accuracy and precision• few spelling and grammatical errors | • communicates information and ideas with a high degree of clarity, indicating a thorough understanding of the concepts• uses scientific terminology and symbols with a high degree of accuracy and precision• very few spelling or grammatical errors |
| **Making Connections to Society and/or the Environment** | • demonstrates limited understanding of the connections of this topic to our everyday lives• assessed societal and/or environmental impacts with limited effectiveness | • demonstrates some understanding of the connections of this topic to our everyday lives• assessed societal and/or environmental impacts with moderate effectiveness | • demonstrates a considerable understanding of the connections of this topic to our everyday lives• assessed societal and/or environmental impacts with considerable effectiveness | • demonstrates a thorough understanding of the connections of this topic to our everyday lives• assessed societal and/or environmental impacts with a high degree of effectiveness |
| **Research, Resources and References** | • poorly researched | • fairly well researched• more than one resource referred to• references missing | • good research into the event. • a few resources referred to • references present and cited | • excellent and thorough research• varied resources referred to• references present and properly cited |