

### **Discover Methane**

Create a poster or digital presentation about methane. Use multiple sources to find your information and cite each source appropriately. Information given without a citation will earn ZERO points. All responses must be in complete sentences, scientifically accurate, representative of current knowledge and practice, and thorough. You must embed the question within the answer or use the question or topic as a header of the slide or poster section. Inclusion of answers to the following questions will earn you points as assigned to each item:

- What is methane? Clearly explain what methane is in terms your classmates will understand. (5 points)
- Where is methane found or produced? How is methane produced? Include at least THREE sources of methane, one of which must be non-agricultural. (10 points)
- What are the concerns about methane on Earth? (5 points)
- How can methane be used to benefit humans and the planet? (5 points)
- What technologies currently exist to use methane for the benefit of humans and the planet? Describe these technologies and give specific examples where they are being used. (10 points)
- What ideas do you have to either reduce the production of methane with negative consequences, or increase the capture and usage of methane for good? (5 points)

This is an optional assignment. You may choose to answer some or all of the questions above. Only responses that meet the stated criteria above will be considered for points.

Name: \_\_\_\_\_ Points earned: \_\_\_\_\_