

Above and Beyond Project Application Unit 01 Safety

The purpose of A&B is to provide a supplemental way for you to show what you know on summative test day. It is meant to provide a means for taking the required unit content one step higher and to help study for the test by applying the target to a topic beyond what is discussed in class. It is not a method for getting “make up” points for a poor test score.

- ☐ Must be submitted **before** taking the written summative test.
- ☐ Content is thorough and researched and applied beyond regular classroom practice and teacher provided materials.
- ☐ Citations for all researched material are present.
- ☐ Professional appearance - neat, pleasing to the eye.
- ☐ Cannot be used to increase a summative score beyond 100%.

Target # _____

Describe your idea. How does it apply to the target? How is your idea above and beyond regular classwork?

Teacher signature for permission to proceed: _____

Exceeds Expectations - A	Meets All Expectations - B	Meets Most Expectations - C	Does not meet expectations - although sincere effort and research shown - D
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Ideas for Unit 01 - Safety

Target 01-01 Identify and use lab equipment and chemicals safely.

- A. Research news articles about an actual science laboratory or classroom accident. Acting as a prosecuting attorney, present a case for negligence in that situation. Include a description of what happened and what should have happened. Argue that the school or business did not follow appropriate safety procedures.
- B. Locate two news articles about science laboratory accidents. Acting as a prosecuting attorney. Present a case for negligence.

Target 01-02 Read and interpret safety communications.

- A. Take three community photographs of NFPA symbols. List their location, suggest possible reasons for the numbers. Interpret each of the symbols, what does it mean? Include two community photographs of DOT symbols. Describe the location of the vehicle and suggest possible reasons for the symbol - what could the chemical load be that is being transported? Interpret the symbol, what does it mean?

- B. Research chemical safety training in the workplace. Take the “Right to Know” training and present evidence of passing.
- C. Acquire two SDS from a hardware or paint store and interpret them for safe use of the chemicals they belong with.