

Running head: FINAL SKYEPACK TECHNOLOGY PROJECT

Final Skyepack Technology Project

Kimberly McWilliams & Sandra Leiterman

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Kansas State University

Rosemary Talab

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## Final Skyepack Technology Project

### Rationale

### Higher Order Thinking Skills

For this project all 3 main Higher Order Thinking Skills (HOTS) will be used. Below is a list of how each level is integrated into the Skyepack.

- *Analysis*- Students will examine and differentiate amongst different types of ionic bonds. Specifically between bonds with transition metals versus representative metals. This will be done by successfully completing exercises and reviews on Skyepack.
- *Synthesis*- Students will design and compose a video presentation displaying their knowledge of naming ionic bonds. This will be done using a variety of Web 2.0 tools including GoAnimate and Voki.
- *Evaluation*- Students will assess and solve naming ionic equations by completing practice assessments on Skyepack.

### ISTE NETS Standards for Students

#### 3. Research and information fluency

-Students apply digital tools to gather, evaluate, and use information.

- c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks

#### 4. Critical thinking, problem solving, and decision making

-Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.

- b. Plan and manage activities to develop a solution or complete a project
- c. Use multiple processes and diverse perspectives to explore alternative solutions

**Next Generation Science Standards**

**Purpose and Use**

References

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