Science Learning Progression

Prentice Hall Science Explorer: Inside Earth Grade 6

Represent a process with a visual model.

I can represent the rock cycle process in a visual

Draw and label rock cycle terms and processes.

model.

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Act out a simulation to understand a process.

I understand that simulations are a type of model; I have a better understanding of the rock cycle through playing the simulation.

- 1. Play simulation
- 2. Think-write-pair-share

Recognize the limitations of a simulation /model.

I can identify limitations

Table discussion, then

whole group discussion

of the simulation

/model.

Analyze similarities and differences between a model and the actual process.

Models are used to represent and understand processes, but they have limitations.

6-8 INQE

I can identify similarities and differences between the simulation and the actual rock cycle process.

Box & T-Chart

Letter to a teacher stating at least 2 similarities and differences

I can differentiate between what is a model and what is not

Define

model.

Journal write

a model.

Northwest Educational Service District 189