

Name: Harry Nowell Onsite OA _____

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Mini Science Unit
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5- E model Summary table

Describe how you have used each of the 5-Es throughout the unit. Note that all 5 of the Es should be present in your unit; however, not all 5 need to appear in each lesson.

5-E Model	
Component	How are these components reflected in your unit? Be specific in which lesson (s) it appears and how it reflects the specific E
Engagement	Engagement is present at different levels in all three lessons through the Inquiry Based Questioning segment. Students engage with teachers in discussion about different aspects of the lesson. The students also engage with the materials in each lesson.
Exploration	Tactile exploration occurs in two of the lessons – “Three Little Pigs” and “Water, Ice Steam.” In “Three Little Pigs” students explore straw, sticks and bricks with their senses as the manipulatives are passed around. In the same lesson students explore the differences of building with three materials – straws, cardboard blocks and wooden blocks. In “Water, Ice, Steam” students explore the process of transformation of frozen water throughout the day in the science activity.
Explanation	In the “Cinderella” lesson students explain why certain clothes would keep you warm and why certain clothes would keep you cool. After the story and demonstration students have the chance to draw or write about what they would wear on a winter day with an explanation about the properties of the materials of their clothes. In both “Three Little Pigs” and “Water, Ice, Steam” students explain, verbally, through the inquiry process about the materials they are using or observing.
Elaboration	In “Three Little Pigs” students elaborate on their perceptions & ideas of traditional building materials as they explore materials through a story, tactile exploration and experimental building in the activity centre. At each level the teacher asks inquiry based questions to urge students to elaborate on their knowledge of the materials.
Evaluation	In “Three Little Pigs” students evaluate the effectiveness of their own building experiment supervised by the teacher using a house fan to test the sturdiness of ‘buildings’ made of straws, cardboard and wooden blocks.