

Hamster House Lesson

Standards

SC.1.N.1.1 – Raise questions about the natural world, investigate them in teams through free exploration, and generate appropriate explanations based on those explorations.

SC.1.N.1.3 – Keep records as appropriate – such as pictorial and written records – of investigations conducted.

Goal: Students will design a house for our hamster “Pearl”. They will follow the steps of the scientific method. Their houses must have a door, a window, and a roof.

Ask a Question: Start by asking students How can you build a house for Pearl with a door, window and roof that she will enjoy?

Hypothesis: Students will plan out their design on paper. The plan must be detailed. They will label materials they will be using.

Materials: Students can use popsicles sticks, cardboard, pipe cleaners, glue, tape, straws, paper, index cards.

Experiment: Students will then make their design following their plan.

Results: Ask the following questions...Was your design successful? What happened when you made your hamster house? Did Pearl fit inside? Did she like your house?

Conclusion: Ask the following questions...Would you have changed anything in your design? What worked really well? What didn't work well? Were there materials you wish you could have used? Were there materials you didn't need?



