Lesson Title: Identifying Materials Based on Properties

Date/ Time Frame	10-15 instructional days
Type:	5E
Lesson in a Series	Unit 1: Lesson 3 of 4 Lesson 3: Identifying Materials Based on Properties
Technology Integration	Google Classroom Mystery Science BrainPOP Zingy Learning Achieve 3000
NGSS Standard:	5-PS1-3 Make observations and measurements to identify materials based on their properties.
CA ELD Standards	Part 1.A, Collaborative, 2: Interacting with others in written English in various communicative forms. Part 1.B, Interpretive, 5: Listening actively to spoken English in a range of social and academic contexts. Part 1.B, Interpretive,6: Reading closely of informational texts and viewing multimedia to determine how meaning is conveyed explicitly and implicitly through language. Part 1.C, Productive,10: Composing/writing literary and informational texts to present, describe, and explain ideas and information, using appropriate technology. Part 1.C, Productive,12: Selecting and applying varied and precise

	vocabulary and language structures to effectively convey ideas.
Learning Intention	We will learn about how matter can be identified based on different properties.
Success Criteria	We will know we are successful when we can design/create and present a shelter that helps keep its inhabitants cool.
Materials:	Chromebooks Various household items
Questions	● *How do we classify different materials?* ● *Why are some materials better to keep us cooler or warmer?*
Task - What do you want the students to do?	Design/create a shelter that maximizes cooling. Create a presentation.
CFU / Rubric	BrainPOP quiz Zingy Learning lessons & quizzes Models & presentations