

Lesson Guide for Educators: Lesson Five (K-1)		
Lesson Question: How FireSmart is this home?		
Lesson Challenge: Create three pieces of advice that Ember would give about how to make a home more FireSmart.		
In the detailed lesson plan, you'll find three parts: Start the Thinking , Grow the Thinking , and Reflect on the Thinking . While these parts can be used in order, this lesson is designed to be flexible—use the activities in order as a complete lesson or pick and choose individual activities to fit your needs.		
Start the Thinking: To begin students' thinking about the materials that can make a home FireSmart, consider using at least one of the following activities.		
Possible learning activities	Time	Steps
Display the image from Activity Sheet A. Review with students the qualities of materials that burn easily or resist burning. Explain that all materials can burn if heated enough but some are more resistant. Have students assess materials around the home for flammability. Ask students to identify items in the image of the home that might burn easily, and which might not burn easily.	10 min	1-3
Offer four diverse predictions of the main idea of the book, varying in thoughtfulness, for discussion. Ask students to suggest which is most likely and consider noting these predictions for later in the lesson. Introduce the lesson question and challenge.	15 min	4,5
Grow the Thinking: To help nurture and deepen students' thinking about the materials that can make a home FireSmart, use at least one of these activities.		
Possible learning activities	Time	Steps
Show or provide students with copies of Activity Sheet B. Guide students in listing any materials found around or inside the home pictured on Activity Sheet A.	10 min	1,2
Guide students in using the scales on Activity Sheet B to decide how easily each of the materials listed might burn. Discuss how properties such as roughness and dryness can affect flammability. Ask learners to use this information to help them to suggest what advice Ember might give about making a home FireSmart.	15 min	3,4
Invite learners to create graphs to show the totals of each group of items (i.e., burns easily, does not burn easily)	15 min	4
Reflect on the Thinking: To guide students' reflection about the materials that can make a home FireSmart, consider using at least one of the following activities.		
Possible learning activities	Time	Steps
Guide students in revisiting their initial ratings from Activity Sheet A, reminding them to use what they've learned to rethink their first thoughts.	10 min	1
Ask students to use the prompts from "Ember's Advice for Creating a FireSmart Home" to create the advice that Ember might offer.	10 min	2
Ask students to redraw or recreate the image of the home to make it more FireSmart.	15-20 min	2
Key terms and vocabulary		
Properties or qualities that influence how easily material burns	Materials that can burn easily: <ul style="list-style-type: none">Can catch and hold sparks. Materials that burn easily often are rough or will easily hold sparks and embers. Materials that do not burn easily often have smooth or hard surfaces that sparks and embers slide off of.Are often dry.	