

Lesson Guide for Educators: Lesson Two (10-12)		
Lesson Question: How can FireSmart landscaping be used to mitigate wildfires in your community?		
Lesson Challenge: Identify five changes or revisions that can help make a landscaped area 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 how FireSmart landscaping can reduce the risk of wildfire, consider using at least one of the following activities.		
Possible learning activities	Time	Steps
Provide small groups of students with a copy of Activity Sheet A. Invite groups to examine the pictured landscaping plan then decide: how resilient to wildfires is the landscaping plan? As groups share their decisions, explain that FireSmart landscaping is intentionally planning the plant species, property layout, and care for plants to reduce the risk of harm from wildfires. Invite groups to suggest changes that could make the landscaping plan more fire resilient.	15 min	1-3
Provide each student with a copy of Activity Sheet B and introduce the question and challenge. Invite students to create a sketch of an area in their community that could be affected by wildfires, including vegetation, structures, and landscape features. Encourage students to rate how resilient the initial landscaping plan of their selected area might be.	15 min	4,5
Grow the Thinking: To help nurture and deepen students' thinking about how FireSmart landscaping can reduce the risk of wildfire, use at least one of these activities.		
Possible learning activities	Time	Steps
Ask groups to revisit the landscaping plan from Activity Sheet A and suggest the reasons for their initial rankings. As they share, use their ideas to present the criteria for FireSmart landscaping.	10 min	1
Introduce the idea of a "FireSmart concern:" a landscaping issue that does not meet criteria for a FireSmart landscaping plan. Invite students to find four concerns in the landscaping plan from Activity Sheet A. Prompt students to examine their selected property, then identify any FireSmart concerns and making any required revisions.	20 min	2-5
Invite groups to explore FireSmart BC Landscaping Guide (pages 12-19) and to find possible solutions for four FireSmart concerns in the landscaping plan from Activity Sheet A. Ask groups to share their ideas, reminding them to be sure the ideas align with FireSmart criteria.	15 min	6,7
Ask students to use their new learning to revise their landscaping plans on Activity Sheet B.	15 min+	8
Reflect on the Thinking: To guide students' reflection about how FireSmart landscaping can reduce the risk of wildfire, consider using at least one of the following activities.		
Possible learning activities	Time	Steps
Invite groups to revisit Activity Sheet A and their initial rating of the landscaping plan, encouraging them to use their new learning to guide their thinking. Invite students to share at least one important idea about making properties FireSmart that they have learned.	15 min	1-2
Key terms and vocabulary		
Criteria for FireSmart landscaping	Criteria for FireSmart include: <ul style="list-style-type: none">Plant proximity: Landscaping plants and mulches do not touch buildings or each other, or create fuel ladders that allow fire to climb buildings or the landscape.Plant selection: Plants are appropriate for priority zones and are fire resistant.Plant maintenance: Plants can be easily kept healthy and dead plant material is removed.	