



Fuel: Ladder Fuels

Use 50 matchsticks.
Break about half the sticks in half. Place the half sticks mixed in with the full-length sticks. Start the fire on the ground to show how fire climbs into the trees.



Weather: Wind

Use 50 matchsticks.
Arrange the matchsticks in a similar pattern to the model you saw burned. Light one side of the forest. Use a piece of paper to fan the flames through the forest.



Topography: Slope

Use 50 matchsticks.
Arrange the matchsticks in a similar pattern to the model you saw burned. Angle the pan at about 45 degrees to model a slope. Light a tree at the bottom of the hill.



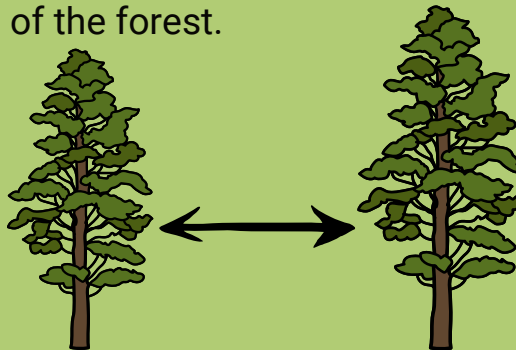
Fuel: Arrangement

Use 50 matchsticks.
Place about 35 of the matchsticks upright to represent live trees. Lay the other 15 sideways on the forest floor to represent downed trees. Light one tree.



Fuel: Density

Use 20 matchsticks.
Arrange the sticks with space between them to represent a thinned forest. Light one side of the forest.



Weather: Precipitation

Use 50 matchsticks.
Arrange the matchsticks in a similar pattern to the model you saw burned. Use the squirt bottle to spray the model after the first match is lit to represent rain or snow.

