





## Dig Deeper

[tahoelivingwithfire.com](http://tahoelivingwithfire.com)

Children's Activity Book

## Embers and Wildfire-

### What are Embers

Embers are materials that are set alight when they come into contact with wildfire include pine cones, shrub, tree branches, and bark.

### How do embers spread:

Embers spread by wind and can be carried more than a mile ahead of the fire. That is a long distance.

### Where can embers enter a house:

- Foundation vents
- Windows
- Chimneys

### How can a fire start next to a house:

- Woodpile
- Paper and debris
- Pine needles and cones

### How can we prevent embers from spreading and stop a fire starting next to a house:

We can prevent the spread of embers if we create and

## Home Hardening

maintain defensible space around our homes and take steps to harden our houses to make them more resistant to embers. For example we can remove our woodpiles 30 feet from our house, we can make sure all pine needles and cones are cleared away from our house, roof and deck areas...

### Activity: Ember House

1. Show the children the ember house and have the children discuss where they think that 'embers' might enter the house.
2. Explain that we are going to experiment and see where embers might go.
3. Provide the children with the red bean bags (embers).
4. Ask the children to hit each area on the ember house where they think embers might go.
5. Review the children's findings and based on those findings what should people do now to protect their homes from embers.
6. What 'superpowers' (actions) could they help others use around their homes to allow wildfire to move around us (adapt to).
7. Show adults related brochures and how each area in and around their house could be 'hardened' or made 'defensible'.

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