

Items needed for complete trunks for the Sierra Nevada Curricula. Not all items or quantities are needed for each level (elementary, middle, high).

FireWorks Trunk Items for Sierra Nevada	Quantity	Notes
<u>Posters</u>		
<ul style="list-style-type: none"> • Fire Triangle poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • Fire Environment poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • FireWorks Safety poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • Tree Increment Cores: Data from a Soda Straw poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • LifeSizeFireScar poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • Story Time Characters Key poster 	1	Can download/print from flash drive/website
<ul style="list-style-type: none"> • Set of tree cookie posters 	1	Can download from flash drive/website
<ul style="list-style-type: none"> • Set of increment core posters 	1	Can download from flash drive/website
<u>Other Items</u>		
Spray bottle	4	Purchase
ruler	12	Purchase
metal tray (i.e., cookie sheet)	4	Purchase
ashtray	4	Purchase
votive candles	12	Purchase
safety goggles	4	Purchase
oven mitt	4	Purchase
support stand (if you don't intend to do tinker trees, you can buy a chemistry support stand, if you are going to do tinker trees, you will need to buy square posts to punch holes through and a base for the posts to screw into)	4	Purchase/Make
metal rod with alligator clips at each end	4	Purchase
clamp	4	Purchase
segments of wire rod (for tinker trees)	~50	Purchase and cut
empty round coffee can, paint can, or round oatmeal box (for insulation activity)	1	Purchase
insulation materials (1 thin, 1 w/ 5 layers batting, 1 w/ 10 layers batting)	1	Purchase/Make
small whisk broom	1	Purchase
~3" diameter rings	2	Purchase
fence-post caps	2	Purchase

1-qt freezer container	8	Purchase
Digital thermometer with thermocouple wire	1	Purchase
measuring tape	1	Purchase
hair dryer	1	Purchase
9" diameter aluminum pie tin with tilted edges	4	Purchase
hand lenses	2	Purchase
Buried Treasures Box (10 plant specimens)	1	Collect locally
Local scarred tree cookie	1	Collect locally, if possible
One knobcone pine cone		Collect locally
Cookie book for tree cookie posters *	1	Can download from flash drive/website
The Storrie Fire Story *	1	Can download from flash drive/website
FireWorks Encyclopedia (younger grades)*	1	Can download from flash drive/website
FireWorks Encyclopedia (older grades)*	1	Can download from flash drive/website
Matchstick forest kit, includes:		
• Masonite Boards	4	Make
• Nuts	4	Purchase
• small bolts	4	Purchase
• medium bolts	4	Purchase
• long bolts	4	Purchase
• small nail	4	Purchase
Campfire challenge fuels, includes:		Collect locally
• dead conifer needles	bunch	Collect locally
• small twigs (about 0.5 centimeter in diameter or less)	bunch	Collect locally
• large sticks (about 3 centimeters in diameter)	bunch	Collect locally
• green conifer needles	bunch	Collect locally just before doing campfire challenge
• Duff (use peat moss)	bunch	Purchase
Mystery trees box, includes:	12 species	Collect locally
• Tree bark/trunk specimen	12 species	Collect locally
• Cone/flower specimen	12 species	Collect locally
• Pressed foliage specimen	12 species	Collect locally

<ul style="list-style-type: none">• Tree photo packet (for middle school)*	12 species	Can download from flash drive/website
<ul style="list-style-type: none">• Tree photo packet (for high school)*	12 species	Can download from flash drive/website

*We recommend storing these documents in sheet protectors within a binder so they can be reused.