

Outdoor & Woodland Learning Activity Sheet

Activity:	Fire Safety – Fire Triangle									
Habitat:	Any	Season:	S	✓	S	✓	A	✓	W	✓

Level	
Early	✓
First	✓
Second	✓
Third and Fourth	
Senior Phase	

Curriculum topics			
Expressive Arts		Health and Wellbeing	✓
Languages		Mathematics	
Religious & Moral Ed		Sciences	✓
Social Studies	✓	Technology	

Equipment*
Fire Triangle (or three sticks and three objects to represent each element) Optional: water, fire blanket, sand etc

Time
20 - 30 minutes

Key outcomes
Understand the physics of fire. Learn how to stay safe when using fire.

*Items depicted in bold are available from CALLP

Activity description
<p>A visual way of demonstrating what fires need to light and burn efficiently. Use to generate discussion as part of fire safety talk.</p> <p>Some ideas to incorporate into discussion:</p> <ul style="list-style-type: none"> • Can relate it to what humans need (Food/Fuel, Oxygen, Heat). • Talk about where each of these elements comes from to start a fire (fuel = wood/dead leaves etc; Oxygen = air; Heat = friction from flint/match/bow drill) • Ask what they think will happen if one of these elements removed (fire goes out) • Ask how we can remove one of the elements to stop the fire burning. • Or have various methods of extinguishing fires present and ask the group which element(s) they affect. • Talk about what natural occurrences can affect the fire and why we need to take them into consideration when considering having a fire outdoors (windy day, hot/dry day/proximity to trees etc). • Bring other health and safety aspects into chat.

Notes
<p>Helpful "Nature detectives, how to build a campfire" sheet: www.woodlandtrust.org.uk/naturedetectives/activities/2016/06/how-to-build-a-campfire/</p>

