

DofE expedition kit tips:

USE A STOVE SAFELY

GENERAL SAFETY

- Always be familiar with the stove and fuel before setting out.
- Make sure you are confident in how to use the stove and what dangers are associated with it. For example the fuel in gas canisters is highly flammable and should be handled with extreme care.
- Have water and a wet tea towel nearby, ready to use as a fire blanket. Be careful to check if there is a naked flame, especially in bright sunlight.
- Never leave a lit stove unattended or unwatched.
- DofE participants and adults need to follow their Licensed Organisation's policies, as well as the instruction and safety guidance given by the manufacturer of your chosen stove.
- Make sure to store gas canisters in a ventilated and secure area that is away from direct sunlight or heat.
- Never use a stove to heat a tent when cold. All gas powered items need plenty of ventilation to prevent producing carbon monoxide.

LOCATION

- Take some time to pick the cooking location. A firm level surface at ground level where the stove will not be knocked over is ideal and it must be at least two metres away from flammable items/tents.
- Consider the weather conditions and wind direction.
- Make it clear to other people that stoves are lit/hot and get everything needed together before starting to cook.
- Have somewhere safe nearby to put hot pans.
- Never use a stove indoors, or inside a tent. Always choose a ventilated area that is outside and away from any obvious risk.



Trangia 25-1UL Stove
Vango Folding Stove

Fuelling and refuelling

If you need to fuel your stove or if you find your fuel runs out whilst using the stove, follow these steps to refuel safely.

- 1** Check that the flame is extinguished. Only pick up the burner when it is cool enough to handle. To check if it is cool, carefully place a hand over the spirit cup. Never refuel if the spirit cup is too hot to handle.
- 2** It is good to have a re-fuelling area, away from the tent and cooking spaces. Never handle fuel near naked flames. When it is ready to be handled, one person should carry the stove or the spirit cup downwind.
- 3** Always fill the stove from a small container, never from a bulk container. The spirit must be carried in bottles which have a screw top and a safety valve. They should be around half a litre in capacity and the stoves should be filled from these bottles. Trangia fuel bottles come with safety valves, preventing a full bottle fire. It is not immediately obvious when the bottle is in the locked closed position, so make sure to double check the seal.

Safety tips

Gas stoves:

- DofE teams must never use a gas stove that does not use self-sealing cylinders or cartridges.
- Before the start of the expedition remove cartridges from the stove and replace part used cartridges for full ones
- It is best to use a gas stove that is part-used, stable and easy to shield from the wind. For exposed areas, you can use wind shields made of aluminium foil which can be bent into shape.

Gel fuels (Bio-ethanol):

- Do not fill gel burner over two thirds full.
- Always refill from a small gel container, not a bulk container.
- Never refill a lit or hot stove. The flame can be hard to see, so make sure to check for heat. Bubbling and a crackling noise indicates that the gel is lit.

More advice on how to safely use a camping stove, as well as the official DofE Expedition Kit List, can be found at DofE.org/shopping

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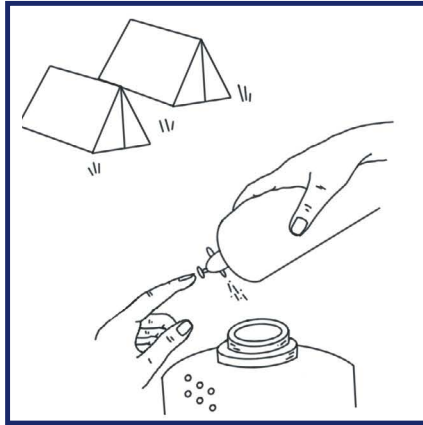


DofE expedition kit tips:

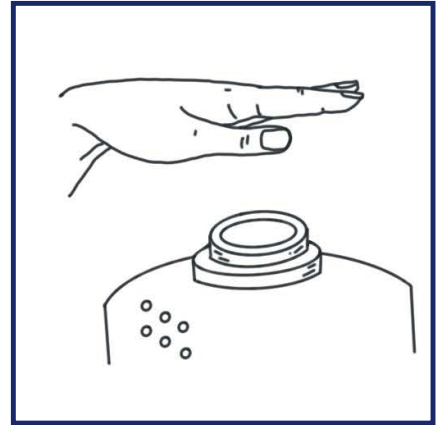
SAFELY FUEL AND REFUEL



- Do remove burner from stove
- Do use a small fuel bottle



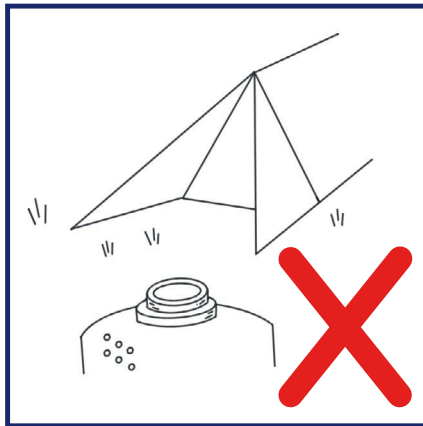
- Do refuel at least 2m away from tents and naked flames



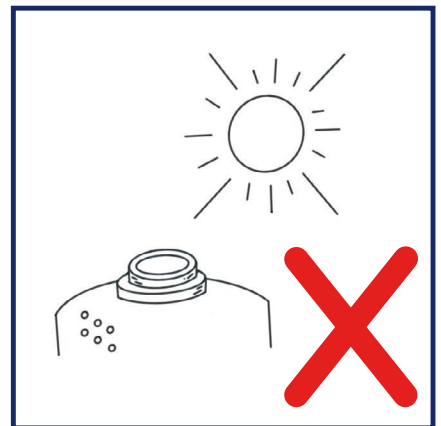
- Do allow to cool fully before handling



- Do not use large capacity containers such as a gallon plastic container



- Do not keep your stove close to the tent



- Do not leave the stove in direct sunlight

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