

# Bushfire Education



## Fighting bushfires quiz

Students must name the firefighting appliance or tool that matches the description of advantages and disadvantages.

	Appliance/tool	Advantages and disadvantages of this appliance/tool
1		Needs skilled crew; needs larger crew than many other options; needs roads; limited water capacity; slow to refill; vulnerable to fast-moving fire
2		Quick; cost-effective; reliant on wind direction/force; only useful in certain conditions; can get out of control and make matters worse; requires skilled operators
3		Very slow; good for cutting fire breaks; very limited for extinguishing fires; needs skilled operators
4		Effective for small fires; need multiples for big fires; need access to constant supply of water, limited in range by length of hose, vulnerable to fire itself; operator must be close to fire
5		Usually easily available; good for spot fires and damping down; operator must be close to fire; very slow; labour intensive; operators do not need a high level of technical training; can be vulnerable to fire itself
6		Good for smouldering fires and damping down; operator must be close to fire; very slow; labour intensive
7		Long-term approach; fire prevention rather than fighting; can lead to fire if not controlled; can only be used under certain weather conditions; requires skilled operators and monitoring over time
8		Expensive; can't work in high winds; needs to operate closer to ground; fast; can get to seat of fire; delivers large payload of water or fire retardant; needs highly skilled specialist operators
9		Good for spot fires and damping down; operator must be close to fire; very slow; labour intensive; need access to constant supply of water
10		Delivers saturation for spot fires; very slow; operator must be close to fire; need access to constant supply of water; labour intensive
11		Expensive; fixed-wing so needs runway; can't operate at night or in high winds; fast; can get to seat of fire; delivers huge payload of water or fire retardant; needs highly skilled specialist operators
12		Effective for spot fires; limited in range; limited in amount of water delivered; need access to constant supply of water; vulnerable to fire itself; operator must be close to fire