

Applied English

Unit 5: Flow

Week 7 – Cooling Systems

ACTIVITY 1: Match the pictures with the words.

radiator

water pump

engine

fan blades

hot water

thermostat

hose

cool water



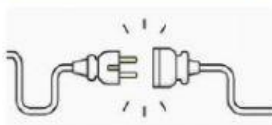
ACTIVITY 2: Match the pictures with the verbs.

sink

flow

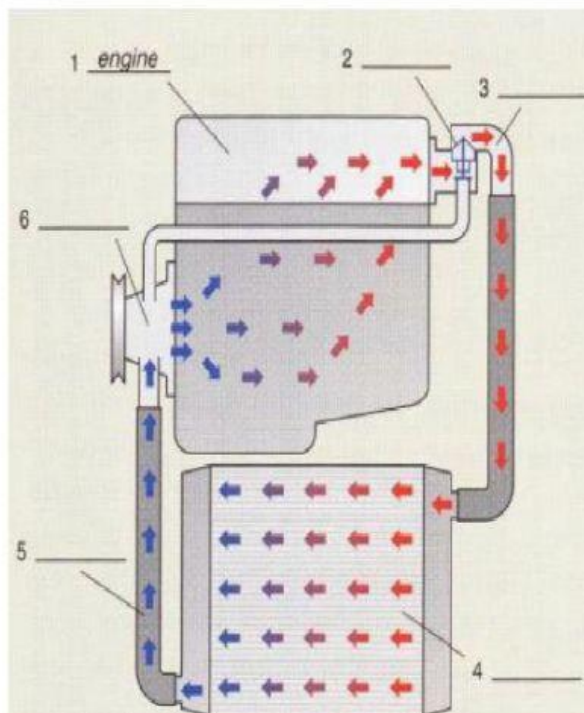
connect

blow



ACTIVITY 3: Read the text. Label the diagram with the words in the box.

bottom hose	engine	radiator	thermostat	top hose	water pump
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Car cooling system

The engine drives the water pump and the pump pushes cool water around the engine. This cools the engine. At the same time, the water becomes hot. The water in a hot engine is normally around 110°C.

5 The hot water then passes through the thermostat.

(This) controls the temperature of the engine. From the thermostat, (it) flows through the top hose into the radiator.

(Here), a fan cools the water, and the cool water sinks to the bottom of the radiator.

10 The cool water then leaves the radiator. (It) flows along the bottom hose, passes through the pump and enters the engine again.

ACTIVITY 4: Which words in the text do these words refer to?

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|---|---------------|--------------|---------------|----------------|
| 1 | This (line 6) | a) hot water | b) thermostat | c) temperature |
| 2 | it (line 7) | a) engine | b) thermostat | c) water |
| 3 | Here (line 8) | a) top hose | b) radiator | c) fan |
| 4 | It (line 10) | a) water | b) radiator | c) bottom hose |

ACTIVITY 5: Choose the correct verb. Use the information in the box to help you.

1	The water pump	control (s)	the radiator to the engine.
2	The thermostat	connect (s)	air onto the radiator.
3	The two hoses	push (es)	the hot water from the engine.
4	The radiator	cool (s)	water around the engine.
5	The fan blades	flow (s)	to the bottom of the radiator.
6	Cool water	rise (s)	the temperature of the water.
7	Hot water	sink (s)	through the two hoses.
8	Water	blow (s)	to the top of the engine.

- | | | |
|------------------|-------|--------------------------------|
| 1 The water pump | _____ | the water around the engine. |
| 2 The thermostat | _____ | the temperature of the water. |
| 3 The two hoses | _____ | the radiator to the engine. |
| 4 The radiator | _____ | the hot water from the engine. |
| 5 The fan blades | _____ | air onto the radiator. |
| 6 Cool water | _____ | to the bottom of the radiator. |
| 7 Hot water | _____ | to the top of the engines. |
| 8 Water | _____ | through the two hoses. |

