



Subject: DT

Year group: 1 Term: Autumn 2

Title: Fire! Fire!

Question 1:

Why are things designed before they are built?

Start of Unit:
End of Unit:

Question 3:

Can you match each word to the correct meaning? Draw a line to match them.

Start of Unit:
End of Unit:

Product

A reason or plan that guides an action; design or goal.

Purpose

The way something is placed or arranged.

Position

Something that is made by a person or a machine.

Question 2:

What is a mechanism?

Start of Unit:
End of Unit:

A name for a machine.

The noise a machine makes.

The whole or parts of a machine.

Question 4: What is a lever?

Start of Unit:
End of Unit:

A material used to make door.

A tool used to lift or pry things open or a handle used to control a part in a machine.

A wheel over which a belt, rope, or chain is pulled to lift or lower a heavy object.

Question 5:

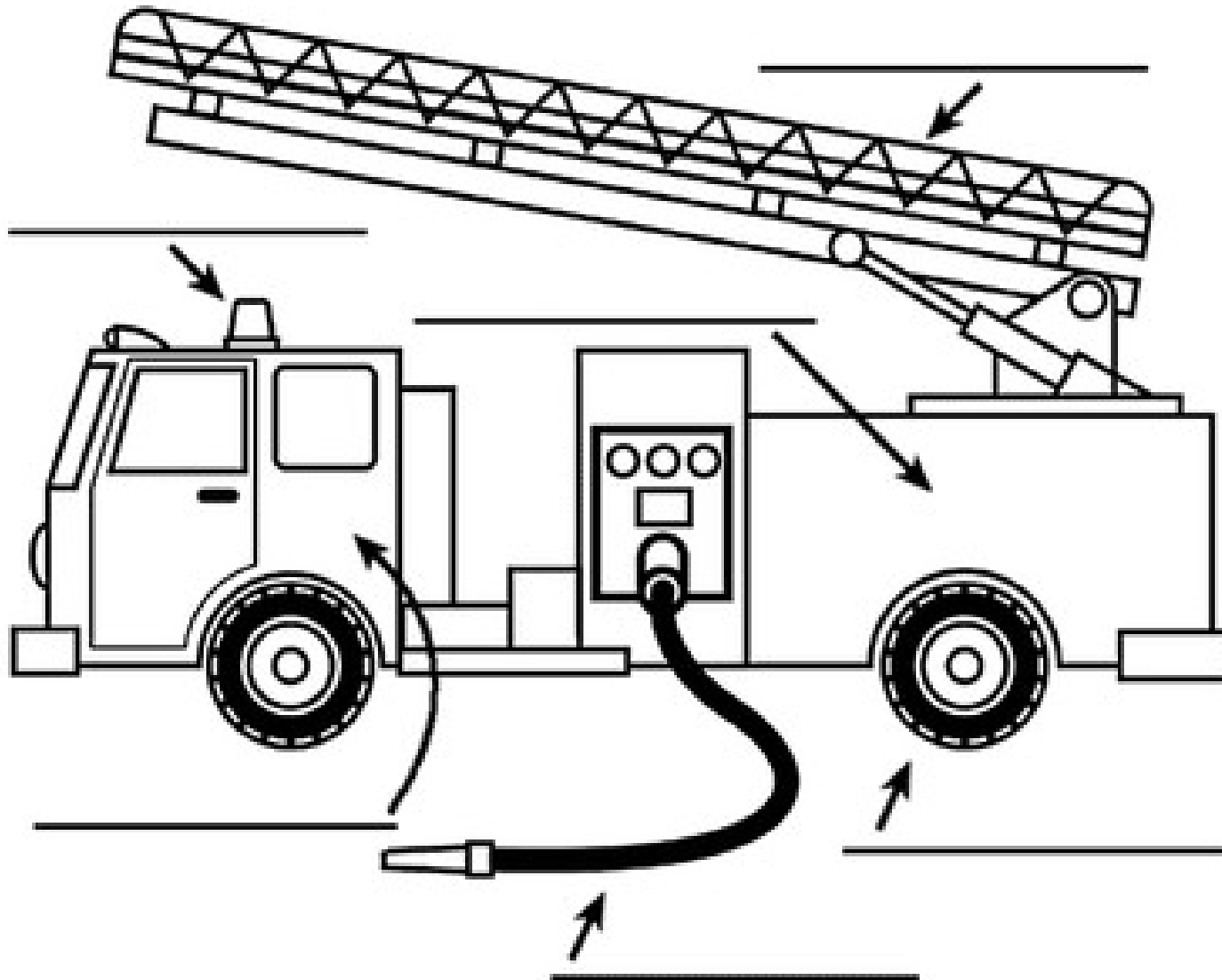
What does the word structure mean?

Question 6:

Can you label the different parts of the fire engine? Circle the one that uses a lever.

Start of
Unit:

End of
Unit:



Question 7:

How could this structure be made stronger? Draw and explain your idea.

Start of Unit:

End of Unit:

			
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Question 8: Can you explain how this mechanism works?	Start of Unit:	End of Unit:
		