

Transforming light into heat.

Put the following statements in order

Light energy is absorbed by other objects inside the car, for example the seats and the steering wheel. The light energy is transformed into heat.

When the light hits the dog. It's absorbed. The light energy causes the molecules in the skin to vibrate faster, and light energy is transformed into heat.

Transparent substances like glass, let light energy pass through, but they block heat energy. This means that on a sunny day, light energy passes through the car window.

If we open a window the heat energy escapes from the car, and the temperature inside begins to go down.

All this heat energy is blocked inside the car because the glass in the windows doesn't let it escape. As a result, the temperature inside the car gets hotter and hotter.

