# Sensing your world

Different sensors can be used to detect different things. Can you match the type of sensor that is needed to perform the tasks in the table? You may wish to use the Internet to help you understand the purpose of the different types of sensor.

**Sensors:** Gas Temperature Humidity Accelerometer Light sensor

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| --- | --- |
| **Task** | **Name of sensor** |
| Turn on the heating when the temperature falls below 20° |  |
| Turn on a light bulb automatically when it goes dark |  |
| Control a race car on a smart phone by tilting the phone left and right |  |
| Monitor pollution levels on a busy road at different times of the day |  |
| Automatically turn on a fan in a bathroom when the shower is used |  |