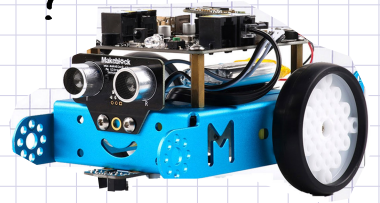
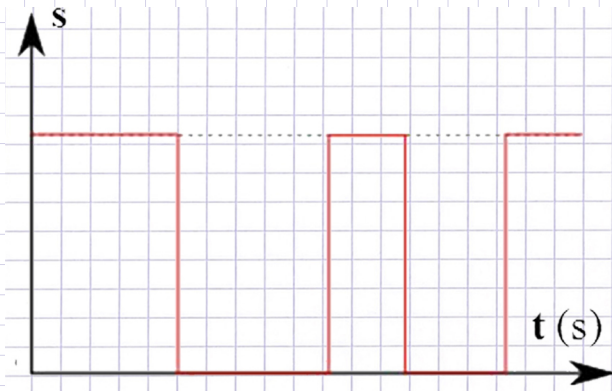


# Comment les capteurs logiques et analogiques restituent-ils l'information dans un système ?

- ☒ Utiliser des instruments de mesure usuels.
- ☒ Expliquer le principe de fonctionnement d'un capteur.
- ☒ Identifier la nature du signal : analogique ou numérique.
- ☒ Identifier la nature d'une information : logique ou analogique.



## Les capteurs logiques



Images à coller

Définition :

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## Les actionneurs

Définition :

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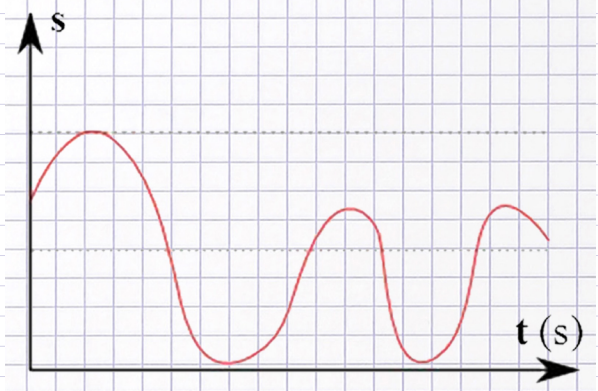
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## Les capteurs analogiques



Images à coller

Définition :

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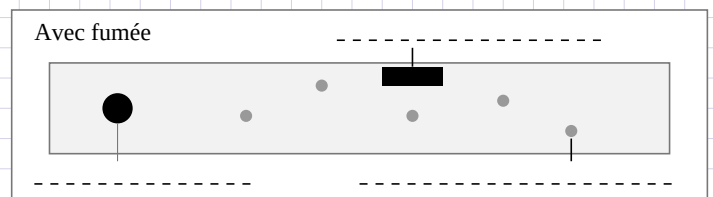
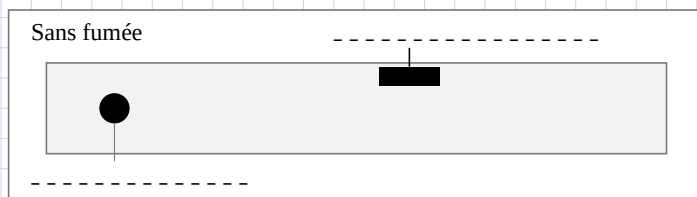
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Images d'actionneurs à coller

# Comment un détecteur de fumée déclenche-t-il une alarme ?

## 1. J'observe et je légende.

Place : source lumineuse, récepteur, particules de fumée. Trace le trajet de la lumière.



## 2. J'identifie les rôles.

Élément qui détecte : ..... Élément qui produit le son : .....

Information reçue par la carte : .....

## 3. J'explique le fonctionnement.

SI ..... ALORS .....

Explique ensuite le fonctionnement en deux phrases :

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## 4. Je retrouve le vocabulaire.

Retrouve et entoure les mots cachés dans la grille.

Nombre de mots trouvés : ..... / 14

|   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| V | C | D | T | A | D | G | N | U | S | Z | W | K | O | M | M | C | D | O | F | M | P | T | R | D | W | H | Y | F | B | N | Z |
| I | W | U | S | K | E | E | J | B | N | P | B | C | L | W | J | K | G | D | K | J | V | U | R | E | C | M | D | Z | V | Q | V |
| F | Z | W | Q | T | F | K | M | O | G | E | E | X | I | C | B | H | U | U | X | Y | E | C | F | S | L | H | X | O | W | H | I |
| L | U | A | I | Z | Z | O | E | V | J | L | G | N | U | Z | E | N | W | T | X | T | T | I | I | R | R | S | V | N | W | L | F |
| R | T | A | O | F | U | Y | P | B | E | G | K | B | X | U | N | H | W | E | P | P | V | V | F | X | N | S | A | W | U | Z | Y |
| C | T | E | T | M | O | E | M | G | A | C | G | Y | Q | C | X | C | B | U | E | F | K | É | P | M | G | L | X | M | O | O | M |
| L | M | H | X | T | P | I | U | N | F | J | W | I | C | D | L | F | R | O | D | O | T | C | T | U | K | Q | N | M | S | R | T |
| T | O | U | Y | P | D | O | G | L | I | F | T | X | L | N | M | R | O | L | K | I | C | X | D | N | A | R | Y | J | L | V | X |
| Z | D | F | Y | L | R | P | M | R | K | É | K | Q | D | O | E | E | Z | O | D | J | C | S | H | W | S | X | A | B | T | H | M |
| K | N | O | K | A | P | W | N | Q | N | X | F | J | O | T | R | C | P | I | L | A | Q | N | M | W | V | O | V | X | S | J | Z |
| Q | T | Z | R | D | G | K | H | G | Z | J | B | Q | N | Q | K | U | M | Q | G | E | H | M | F | U | P | S | A | R | W | S | W |
| I | A | F | K | E | R | B | A | S | N | I | S | I | D | C | P | U | P | H | O | T | O | R | É | S | I | S | T | A | N | C | E |
| K | N | Q | B | I | K | M | C | W | O | A | N | L | P | D | H | A | B | F | E | T | E | N | S | I | O | N | M | U | E | E | M |
| I | O | M | D | Q | Z | B | L | R | I | L | Z | S | O | Z | Q | P | B | Q | F | N | N | L | O | G | I | Q | U | E | V | U | Y |
| A | W | Z | J | G | G | O | Z | V | C | K | M | P | G | W | E | X | Y | S | B | O | U | T | O | N | W | G | T | L | L | D | O |
| E | E | W | P | X | O | T | R | H | G | O | T | E | A | J | D | X | Q | H | V | W | J | A | N | A | L | O | G | I | Q | U | E |
| M | V | J | Y | K | A | T | E | W | B | Z | U | N | M | I | C | R | O | C | O | N | T | R | O | L | E | U | R | P | A | S | L |
| T | M | I | H | G | L | A | M | M | L | P | G | R | N | G | Z | Q | F | W | G | X | X | U | L | X | U | L | O | W | X | R | B |
| J | H | S | I | X | Z | P | C | B | P | U | K | S | A | J | W | V | Z | U | H | K | U | Q | M | Q | Q | M | I | E | U | N | C |
| Y | R | K | B | D | R | P | G | I | X | É | F | P | I | N | S | T | E | O | K | Y | P | U | P | G | S | P | I | Y | W | U | V |
| R | Z | D | L | V | D | E | I | J | V | Q | R | U | J | W | T | M | W | Y | L | J | O | I | P | U | S | L | K | È | D | H | A |
| E | B | A | J | V | H | J | O | W | T | H | G | A | V | T | S | K | Y | V | H | K | I | U | F | H | P | P | I | H | R | O | U |
| C | Y | C | V | X | S | Q | C | H | W | E | N | X | T | J | M | G | Q | T | N | B | A | K | D | M | U | T | K | V | H | E | H |
| O | U | D | P | X | H | M | U | Z | P | P | P | Q | B | U | B | H | M | K | T | G | X | U | C | F | I | Y | S | V | C | G | H |
| E | W | I | Q | O | B | D | F | H | G | H | Q | I | A | Q | R | D | V | M | T | P | X | I | J | V | U | F | Q | L | M | V | M |
| I | U | L | D | H | N | R | W | D | O | X | C | S | K | V | W | E | C | G | C | M | Q | K | U | L | J | O | S | Q | V | B | P |