

SENSOR CARDS (1 for each Sensor student) (0 = sit; 1 = stand)



RAIN sensor

A card for a rain sensor. The top left features a blue square with a white cloud and two blue raindrops. The top right shows a line drawing of a person sitting in a chair. The bottom left features a blue square with a yellow sun. The bottom right shows a line drawing of a person standing.

WIND sensor

A card for a wind sensor. The top left features a yellow and orange striped windmill. The top right shows a line drawing of a person sitting in a chair. The bottom left features a palm tree on a beach. The bottom right shows a line drawing of a person standing.



CARAVAN sensor

A card for a caravan sensor. The top left features a red circle with a diagonal slash over a grey caravan icon. The top right shows a line drawing of a person sitting in a chair. The bottom left features a blue caravan icon. The bottom right shows a line drawing of a person standing.

TENT sensor

A card for a tent sensor. The top left features a red circle with a diagonal slash over a grey tent icon. The top right shows a line drawing of a person sitting in a chair. The bottom left features a green tent icon. The bottom right shows a line drawing of a person standing.



SCHOOL sensor

A card for a school sensor. The top left features a collage of school-related icons: a teacher at a desk, students, a graduation cap, and a book. The top right shows a line drawing of a person sitting in a chair. The bottom left features a blue graduation cap and an open book. The bottom right shows a line drawing of a person standing.

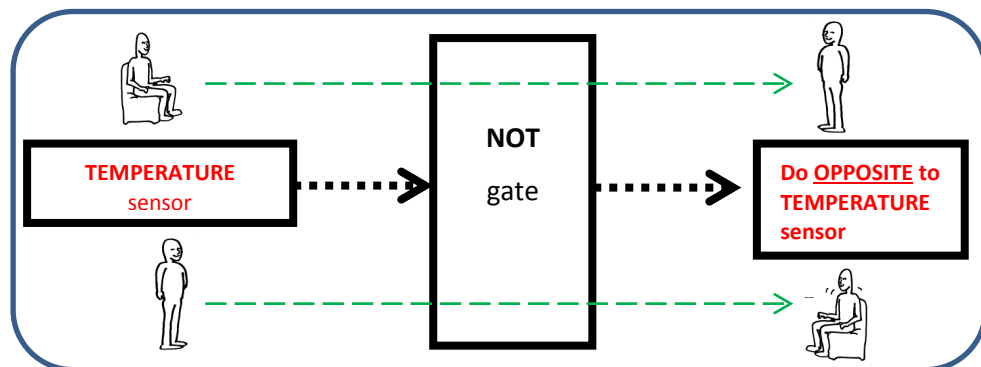
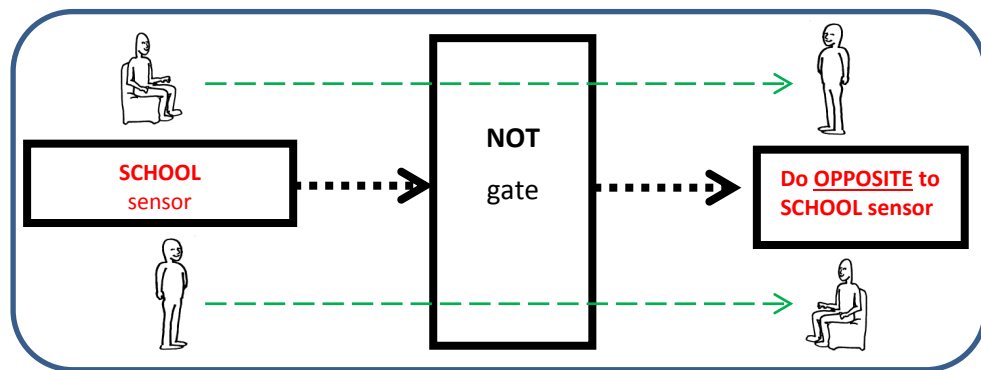
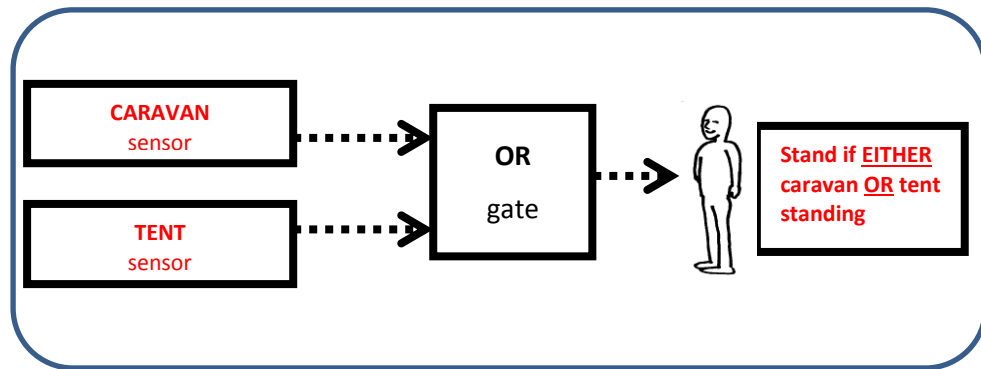
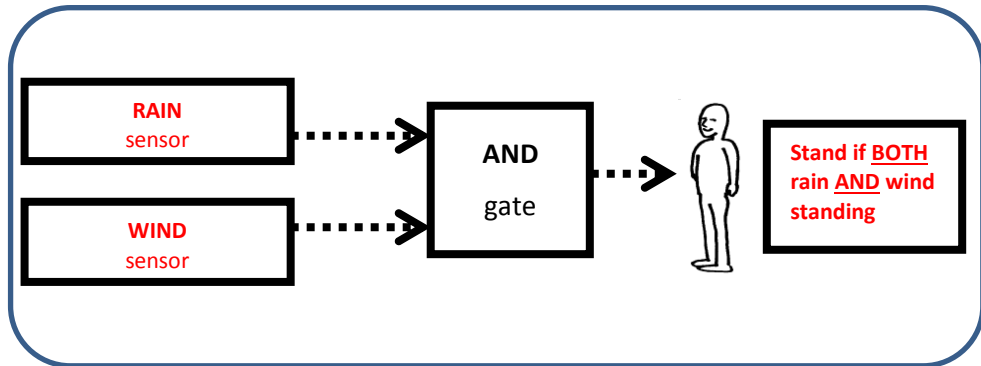
TEMPERATURE sensor

A card for a temperature sensor. The top left features a blue thermometer icon with the text $T_{min} = 15^{\circ}C$ in red. The top right shows a line drawing of a person sitting in a chair. The bottom left features a snowman and a yellow thermometer. The bottom right shows a line drawing of a person standing.



LOGIC GATE CARDS (1 for each Logic Gate student)

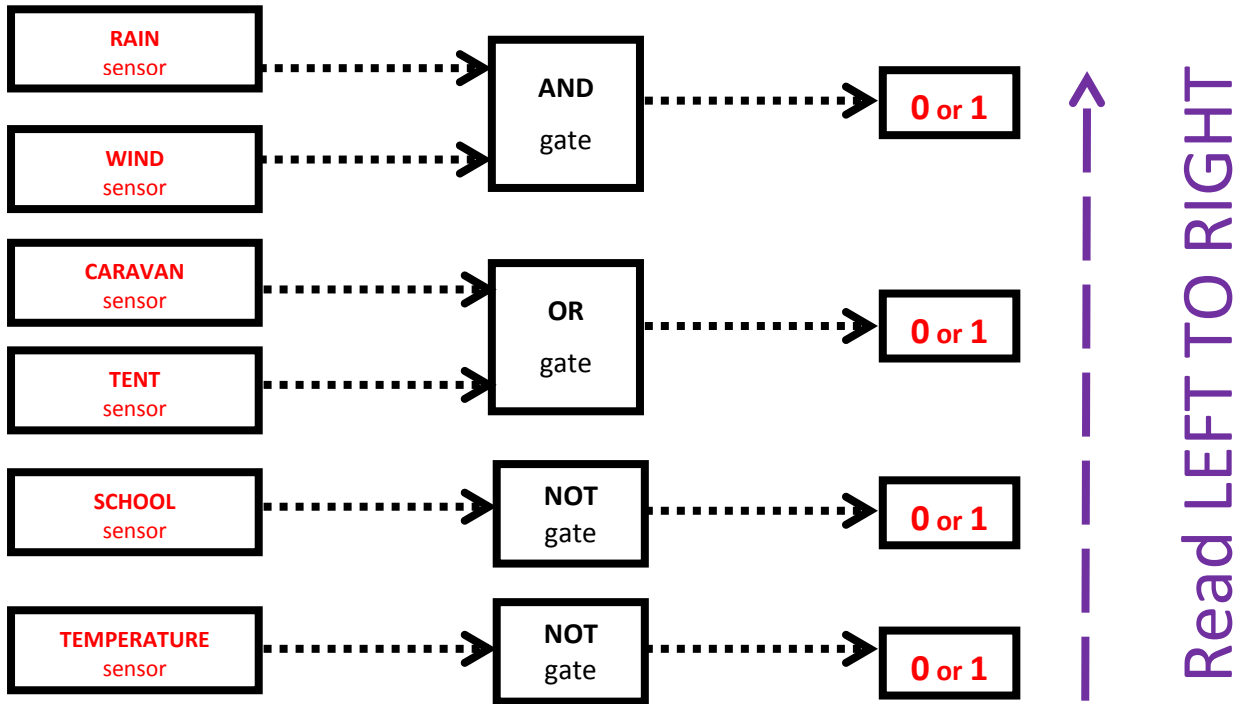
(0 = sit; 1 = stand)



DATA DECODERS SHEET

(0 = sit; 1 = stand)

Sensors (students) and gates (students) configuration



Boolean Binary-to-Alphabetical Decoder Card

Binary code				Letter
—	—	—	→	
0	0	0	0	A
0	0	0	1	B
0	0	1	0	C
0	0	1	1	D
0	1	0	0	E
0	1	0	1	F
0	1	1	0	G
0	1	1	1	H
1	0	0	0	I
1	0	0	1	J
1	0	1	0	K
1	0	1	1	L
1	1	0	0	M
1	1	0	1	N
1	1	1	0	O
1	1	1	1	P