

Handout 23. Learning about Thymio

Instruction: Turn on your Thymio robot and try out the different modes. Find a nickname for each mode. Next, link the event and action pairs based on your observations.



Green Thymio

Nickname:

IF Thymio detects an object in front of it	●	●	THEN it turns left
IF Thymio detects an object to the right	●	●	THEN it turns right
IF Thymio detects an object to the left	●	●	THEN it moves forward



Red Thymio

Nickname:

IF Thymio detects an object in front of it	●	●	THEN it moves backward
IF Thymio detects an object to the right	●	●	THEN it moves backward and turns right
IF Thymio detects an object to the left	●	●	THEN it moves backward and turns left
IF Thymio detects an object behind it	●	●	THEN it moves forward



Purple Thymio (start blocked)

Nickname:

IF you press on the forward arrow	●	●	THEN it moves forward
IF you press on the backward arrow	●	●	THEN it moves backward
IF you press on the right arrow	●	●	THEN it turns left
IF you press on the left arrow	●	●	THEN it turns right



Yellow Thymio

Nickname:

IF Thymio detects an object in front of it	●	●	THEN it turns left
IF Thymio detects an object to the right	●	●	THEN it turns right
IF Thymio detects an object to the left	●	●	THEN it moves backward
IF Thymio detects nothing	●	●	THEN it moves forward