

Robot Educator Task Score Sheet

Names: _____

Hardware

Brick Display	Large Motor			
Medium Motor	Touch Sensor	Color Sensor (Color)	Color Sensor (Light)	Ultrasonic Sensor

Notes:

Hand this in when everything has been completed

Robot Educator Task Score Sheet

Names: _____

Basics

Straight Move

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Stop at Line

Rotate and stop	Stop at line and backup >10 cm
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Curved Move

(3 Turns)	Added 3 blocks so it returns	(3 Turns)	Added 3 blocks so it returns	Worksheet Completed
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Tank Move

Curvy Course	Bonus (8)	Bonus (Name Letter)
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Move Object

Grab, 90°, Release	Move 10-15 cm and release	Move "Large Object" 10-15 cm and release	Curvy Course	Worksheet
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Stop at Object

Stop at Cuboid	Hit wall and back up >10 cm	Sense a wall and back up >10 cm	Bonus (Sense Cuboid and lower arm around it)	Worksheet
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Hand this in when everything has been completed

Robot Educator Task Score Sheet

Names: _____

Beyond Basics

Color Sensor

Calibrate

Make sound AND move fwd	Make sound AND move bwd	Fwd with sound, turn 90°, fwd with different sound > 20 cm	Fwd with sound AND display > 20 cm
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Loop

Sound, move fwd till push button	Infinite loop?	Go fwd, hit something, turn, repeat until I say stop	Bonus (keep robot on top of desk)
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Switch

Follow line	Time for straight race	Time for 90° turn race	Time for curvy line race	Worksheet
	_____ sec	_____ sec	_____ sec	

Range

Move when something is 10 – 20 cm away	Move when something is not 10 – 20 cm away
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Hand this in when everything has been completed