

Team:
Members:

Robot:

Team Name:

Period:

Robot Final - Putting It Together

You are to create a single program named *PutTogether* in Robot Educator. The following are the directions for your program:

Setup: Ask Ms. B where to place your robot.

1. Your robot should move quickly forwards exactly 6 tiles.
2. Your robot should now move slowly backwards half the distance that it moved forwards.
3. Your robot should now move quickly forwards 4 tiles.
4. Your robot should continue moving forwards in a large circle (not a point turn) until it arrives back where it started.
5. Your robot should now move backwards in a large circle (not a point turn) until it arrives back where it started.
6. At this point, the robot should start spinning in place (point turn) until someone claps. (It must spin in place at least 2 revolutions before someone claps.)
7. When someone claps, the robot should reverse direction continuing to spin in place **while spinning the arm**. It should continue spinning in place and spinning the arm until someone claps. It must spin at least 2 revolutions.
8. When someone claps, the robot should then stop in place; the arm should stop spinning.

Each team member must show Ms. B. a flash drive with all programs.

Robot Final - Putting It Together Rubric

Do you have?	Points Possible	Yes	No	+/- from Total	Grade
Robot moves exactly 6-tiles forward fast.	8				
Robot moves backwards exactly half the distance that it moved forwards slow.	8				
Robot moves forward exactly 4 more tiles fast+.	8				
Robot continues moving forward in a large circle and arrives back where it started.	10				
Robot moves backwards in a large circle and arrives back where it started.	10				
Robot starts to spin in place.	7				
Robot reverses the spin and spins the arm when someone claps.	12				
Robot stops when someone claps.	7				
Show Ms. B. a Flash Drive with all programs	5				
Extras?	+				
Minus Points?	-				
Total:	75		Total:		

Team: Robot:

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Period:

Team Members:

Putting It Together - Group Evaluation

Fill in Date →																		
Circle Day of Week →	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr												
Member Initials →																		

Fill in Date →																		
Circle Day of Week →	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr	M Tu W Th Fr												
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Putting It Together	