

NAME _____

GRADES **K-1**

SESSION 4: Wagons

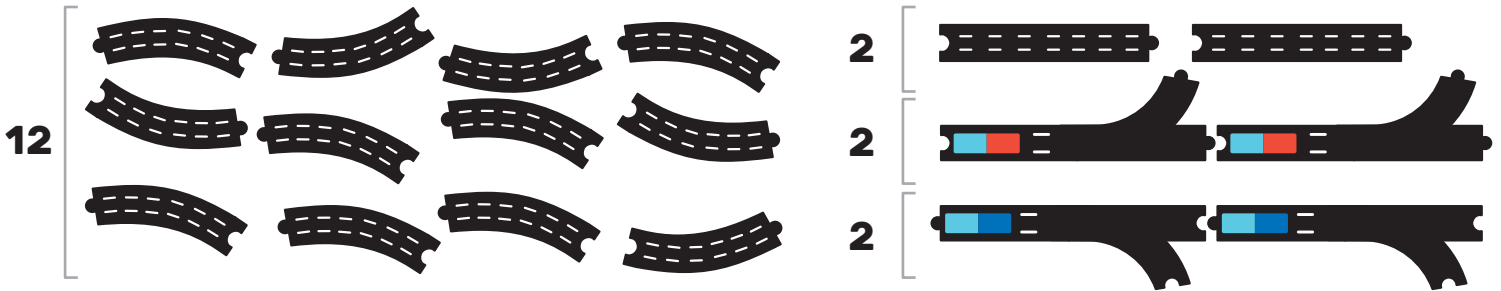


Hi! Remember me?

I'm Jamy, your J-1 engine. Today, you will meet my wagon! Let's get everything ready!

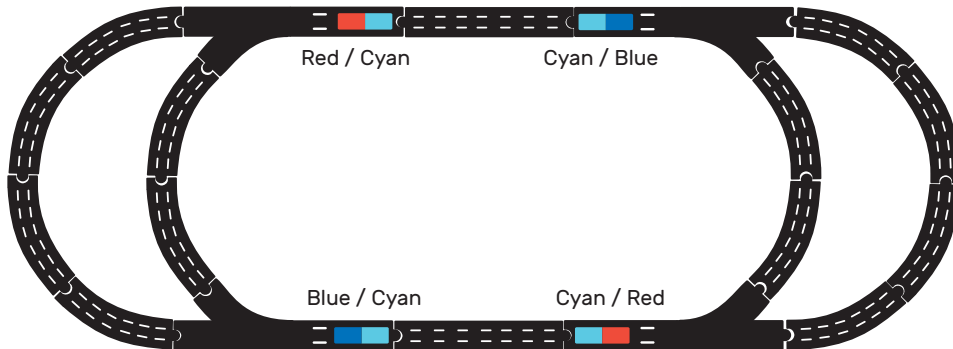
▶ GET TRACKS

DONE



▶ BUILD

DONE

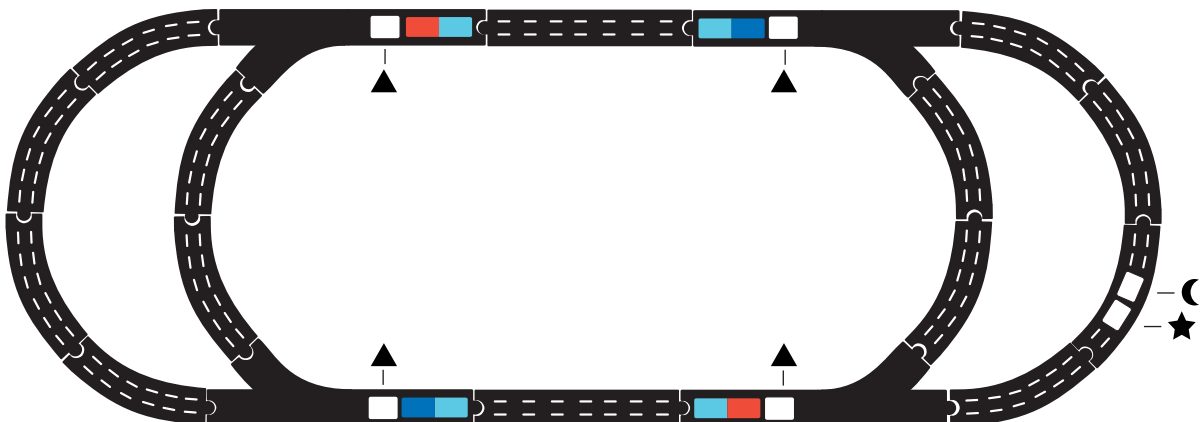


Let's play a game! This picture tells you which snaps to put where. Follow the code for the colors.

▶ PUT SNAPS. USE THIS CODE:

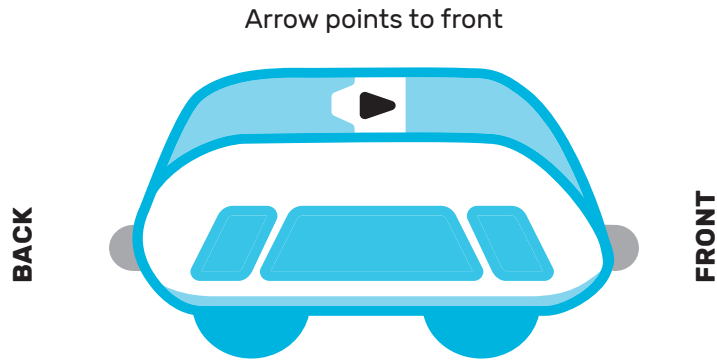


DONE



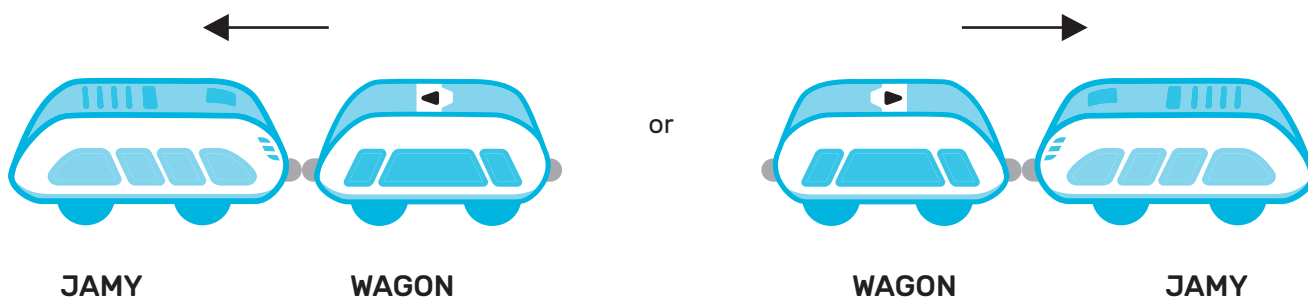
▶ GET JAMY  AND HIS WAGON. LOOK:

DONE



▶ PUT BOTH ON TRACK ANYWHERE. LIKE THIS:

DONE



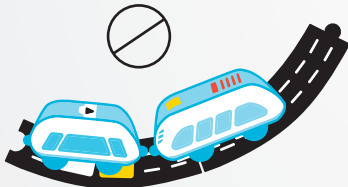
▶ DRIVE AROUND AND SEE WHAT HAPPENS

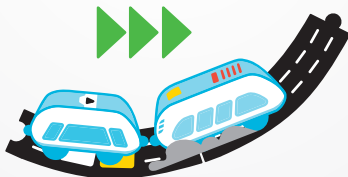
DONE


Quiz

What happens when Jamy drives over the snaps? White / Yellow

Fill in the circle next to the correct answer.

 (A) Nothing

 (B) Jamy speeds up

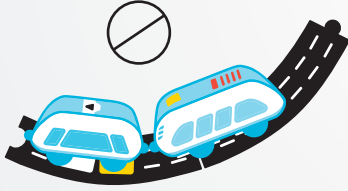
 (C) The wagon gets dropped off

▶ **TURN JAMY AND THE WAGON AROUND AND DRIVE. SEE WHAT HAPPENS.**

✓ DONE

Quiz

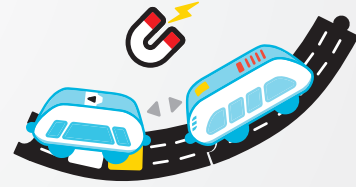
? What happens when Jamy drives over the snaps?
Fill in the circle next to the correct answer. White / Yellow



(A)
Nothing



(B)
Jamy speeds up



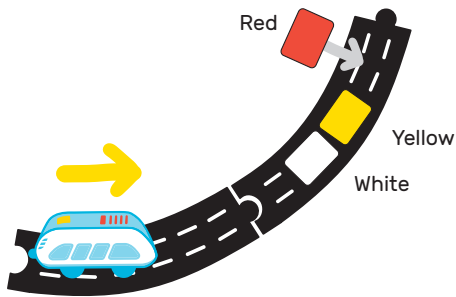
(C)
The wagon gets dropped off

? What did you learn from this experiment?

▶ **NOW TRY: ADD TO TO MAKE ,DRIVE WITH JAMY AND THE WAGON.**

✓ DONE

Tip: Make sure Jamy is going over the command in the right direction.

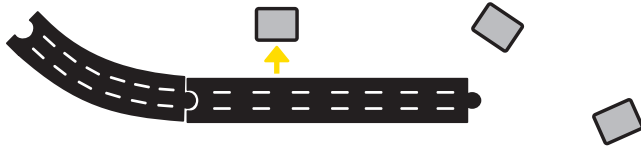


? What does it do?



Very good work! Now I need you help again. There is something wrong with the track.

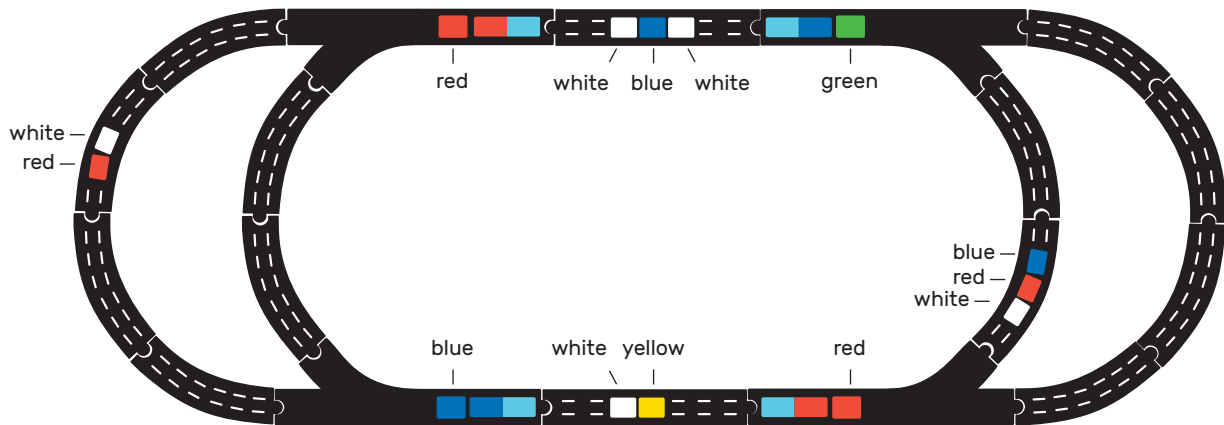
▶ REMOVE ALL THE SNAPS



▶ PUT SNAPS

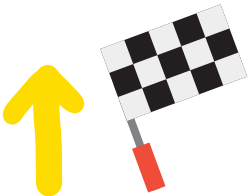
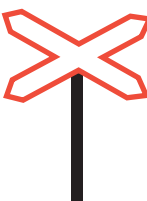
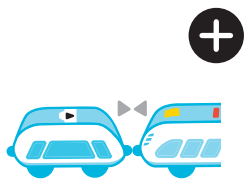
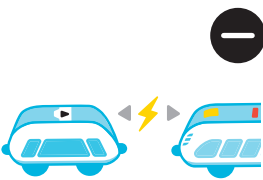



- 5 white
- 4 red
- 3 blue
- 1 yellow
- 1 green



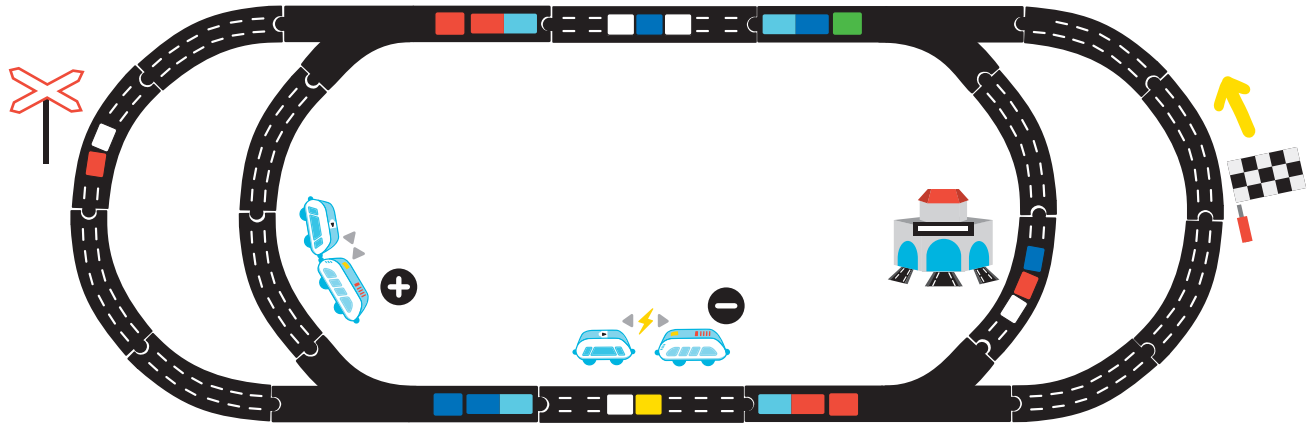
▶ CUT OUT SIGNS BELOW ✂



 <p>START</p>	 <p>⌚ STOP 2 sec</p>	 <p>CONNECT WAGON</p>	 <p>▶ ↻ DROP OFF</p>	 <p>▶ ✕ END ROUTE</p>
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▶ PUT SIGNS HERE:

DONE



Our task today is to pick up a drop off a wagon.
Make sure that everything is working correctly!

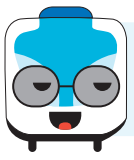
▶ STUDY THE SCHEDULE

DONE

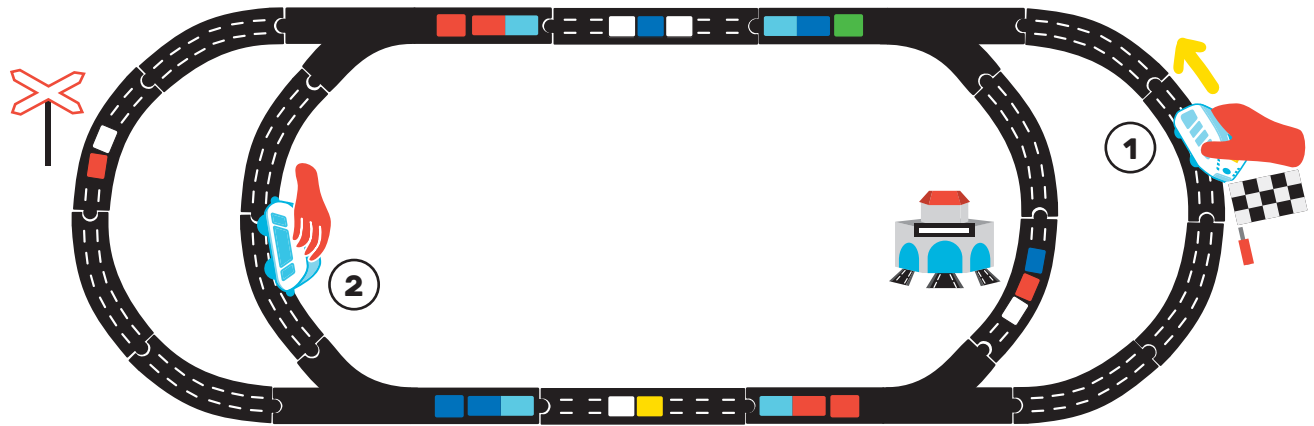
JAMY'S SCHEDULE

	<p>Jamy starts without wagon</p>
	<p>pick up wagon</p>
	<p>stop for 2 seconds at road crossing</p>
	<p>drop off wagon</p>
	<p>go to depot and end route</p>





Follow the steps below to finish the task!



▶ ① PUT JAMY AT START,  DRIVE, SEE WHAT HAPPENS.

DONE

▶ ② PUT WAGON AT  . WHICH WAY IS CORRECT? TRY.

DONE

▶ SOMETHING IS WRONG! WHICH COMMAND? FIX IT!

DONE

TIP: Use command sheet.



Thank you!

The track is fixed and the task is done. But now I have an **extra challenge!** It turns out one of the commands on the tracks is not necessary. Figure out which one!

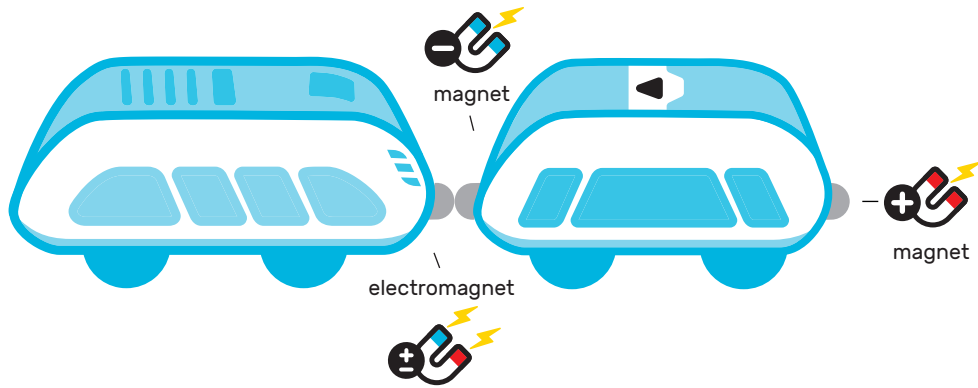
▶ WHICH COMMAND CAN BE TAKEN AWAY?
FIND IT. TAKE AWAY 1 SNAP. TRY IF EVERYTHING STILL WORKS.

DONE

REFLECTION. How does this work?



I have a magnet and my wagon does too, **but they are not all the same!**



? Why is it important which way the wagon is attached?

? Do you know any other objects that have magnets?
