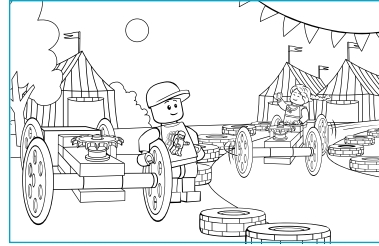


Name(s): \_\_\_\_\_

Date and subject: \_\_\_\_\_

**Main Activity: Go-Cart**

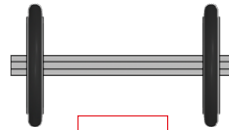
Student Worksheet

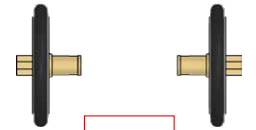


1. First, build Go-Cart Model B5 and steer it around.  
Follow Building Instructions B, pages 22 to 30, steps 1 to 13.



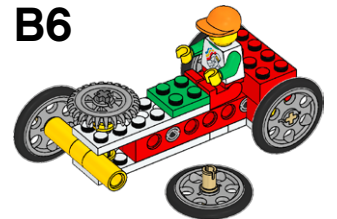
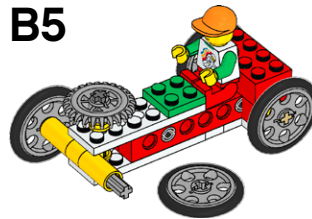
2. Mark which type of axle is used for the front set of wheels.






3. Then look carefully at the pictures of the models and compare Go-Cart Model B5 to Go-Cart Model B6.

- Circle what is different.



- What do you notice? Explain how the models are different.



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.....

.....

4. Next, look carefully at the pictures of the models and make a prediction.










<b>B5</b>	
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<b>B6</b>	
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If I compare model B5 to model B6, then I think that Go-Cart Model (B5 / B6) will be the easiest to steer.








**5. Test Go-Cart Model B5.**

			 <b>Observation notes</b>
	 <b>Easy</b>	 <b>Difficult</b>	
			<hr/> <hr/> <hr/>
			<hr/> <hr/> <hr/>

**6. Build Go-Cart Model B6 and steer it around.**  
 Follow Building Instructions B, pages 32 to 40, steps 1 to 13.



**7. Test Go-Cart Model B6.**

			 <b>Observation notes</b>
	 <b>Easy</b>	 <b>Difficult</b>	
			<hr/> <hr/> <hr/>
			<hr/> <hr/> <hr/>

**8. Finally, draw a conclusion and check your prediction.**  
 My tests show that Go-Cart (B5 / B6) is easier to steer.




<b>B5</b>	
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<b>B6</b>	
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My prediction was (right / wrong).



	
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