Station One: Power Co	Car
-----------------------	-----

Your Name:

Jiuii	on one.	IOWEI	Cui			your nume.		
How do	How does friction affect your car?							
Added	Bonus: How	does char	nging the g	jear ratio a	ffect your	car?		
Re sure	to measur	e vour whe	els and a	ars so you	know the si	ze you used!		
Trial	Front	Back	Driver	Follower	Time			
παι	Wheels	Wheels		Gear	Time	Why do you think your car performed this way?		
1								
2								
3								
4								
5								
6								

Station Two: Power Car with added Mass

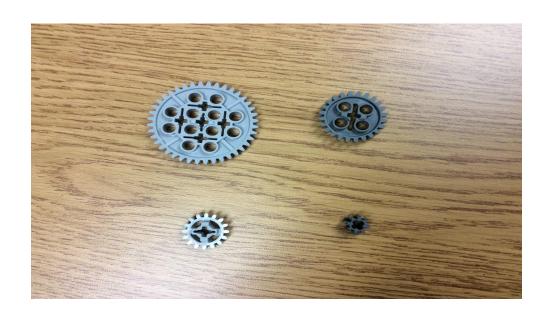
Now add weights to your car. Record your results.

Trial		\A/la a a l	Caanaiaa	Time	M/h da
ırıaı	How many weights?	Wheel sizes	Gear size	Time	Why do you think your car performed this way?
1					
2					
3					
4					
5					
6					

Station Three: Bottle Racer Launcher

Your Name:

s changing th	e gear ratio	affect your car	<u> </u>						
Front		How does changing the gear ratio affect your car?							
Wheels	Back Wheels	Distance in centimeters	Why do you think your car performed this way?						
	W Hedis								



Gear 1 Gear 3

Gear 2 Gear 4



Wheel 1 Wheel 2 Wheel 3 Wheel 4

Vocabulary: What new words did you learn?

Word	Meaning/Definition

