

OBSTACLE COURSE CHALLENGE

GEARS TINKER SET



Name: _____

Date: _____

Create a moving, spinning obstacle course for your toys!

Criteria: Get the most points by creating many unique obstacles! Your toys will need to jump, climb, swing, slide, dodge, and balance!

Calculate your points on the back of this page.



COMPONENTS

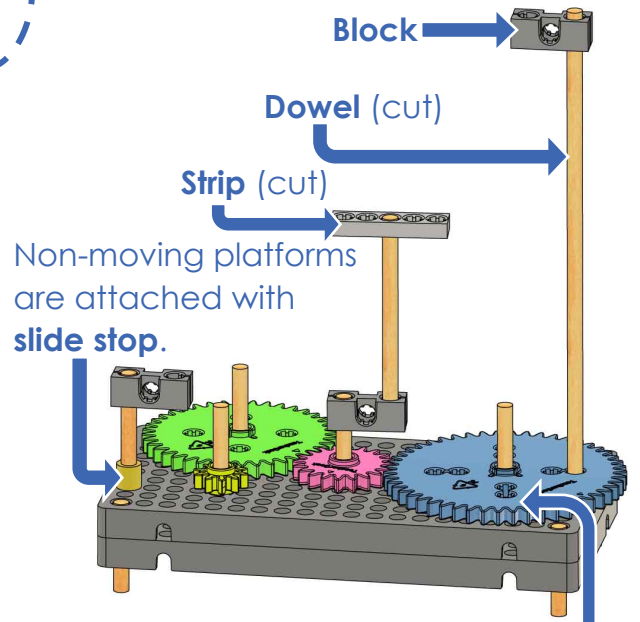
The maximum number of parts that can be used on your obstacle course.

NAME	QTY	PICTURE
Base	1	
Gear Sets with shafts 10, 20, 40, 50 tooth	2 sets	
Dowels 30cm (12in.) SKU 1821-32	7	
Blocks SKU 1821-34	10	
Strips 30cm (12in.) SKU 1821-31	2	
Slide Stop 8cm (3in.) SKU 1821-49	1	

Build the Base and Gears with Shafts in the **Set Up Guide**.



Classroom Overview and additional documents available at teachergeek.com/gears



Moving platforms are attached to **gears**.



Recycling Bin Materials (optional) can be used to make even more obstacles!

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SCORING

Each unique obstacle earns 1 point.

You need an obstacle in every category before putting 2 obstacles in the same category. You need 2 obstacles in every category before making 3 obstacles in the same category (and so on).

Categories:



Jumping

Point Tally: _____



Climbing

Point Tally: _____



Swinging

Point Tally: _____



Sliding

Point Tally: _____



Dodging

Point Tally: _____

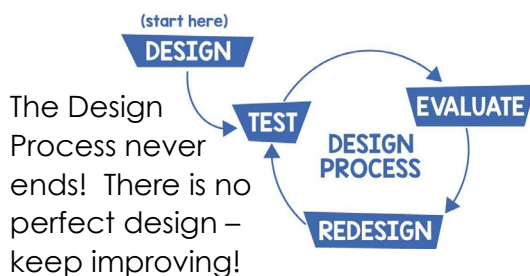


Balancing

Point Tally: _____

Bonus!

Make one path, with a start and a finish, to **double your points!**



Total

_____ **Points**

Add your tallies. Then double if you completed the bonus!