

MATH CHALLENGE: POLYHEDRA RACE

MESA North STEAM Rally March 2018

Polyhedra needs and tub allocation:

	Regular		
	Triangles	Squares	Pentagons
Standard kit	80	30	12
	Totals		
2 std kits	160	60	24
Additional	200	40	168
	For 6 tables		
Per table/tub	60	16	32
Handouts/table	1 COLOR, 2-sided for filling out	4 B&W, page 1, 1-sided for reading ONLY	
Handouts total ¹	36 COLOR, 2-sided for filling out	24 B&W, page 1, 1-sided for reading ONLY	
NOTE: May need more squares, and perhaps triangles & pentagons			

Words to teams

1. NO ELECTRONIC DEVICES!
2. Put your school name, team color and number at the top of the page first thing! **No points if you omit this!**
3. Read the instructions
4. You have 30 minutes. I'll give warnings at 15, 5, & 1 minute.
5. You have a bin full of all you'll need
6. **Once you have read** the DEFINITION and INSTRUCTIONS, if you have questions about the instructions or definitions, ASK!
7. **Strategy matters!**
 - a. How will you divide your tasks?
 - b. What will you try to do first?
 - c. You will probably not finish all of this challenge. Choose your tasks wisely!
8. When the time is up, leave your sheet and constructions on your table.
9. Good luck!

¹ Assuming 6 teams per 30-minute session and 6 total sessions.