

# Water, Water, Everywhere!

Five teams competed in the 2017-2018 Hydrodynamics FIRST Lego League qualifier. They each used a unique mechanism that helped them to complete a unique mission. Can you match each team to their mechanism, mission and final score?

1. The Hydrant Hippos scored higher than the the team that used a Trap Door mechanism which scored higher than the team that completed the Rain Cloud mission.
2. The team that completed the Fire Truck mission, which didn't score 100 points, scored 15 points less than the team that completed the Slingshot mission, which scored less than the Flower mission.
3. The Foggy Bottoms completed the Flower mission.
4. The team that used a Scissor Lift mechanism, which didn't complete the Rain Cloud mission, scored 130 points.
5. The team that used a Rack & Pinion mechanism scored 85 points.
6. Of the Storm Drains and the team that scored 85 points, one of them used a Reciprocating Linkage mechanism and the other completed the Fire Truck mission.
7. The 5 teams are the team that scored 70 points, the Water Raptors, the teams that used a Trap Door and Scissor Lift and the team that completed the Manhole Covers mission.

Scores	Teams	Mechanisms	Missions
70			
85			
100			
115			
130			

		Teams					Mechanisms					Missions				
		Fo`ggy Bottoms	Hydrant Hippos	Rainbow Walkers	Storm Drains	Water Raptors	Rack & Pinion	Reciprocating Linkage	Rotating Claw	Scissor Lift	Trap Door	Fire Truck	Flower	Manhole Covers	Rain Cloud	Slingshot
Scores	70															
	85															
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Missions	Fire Truck															
	Flower															
	Manhole Covers															
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Mechanisms	Rack & Pinion															
	Reciprocating Linkage															
	Rotating Claw															
	Scissor Lift															
	Trap Door															