

Engineering And Robotics Learned Young

◆ EARLY ◆

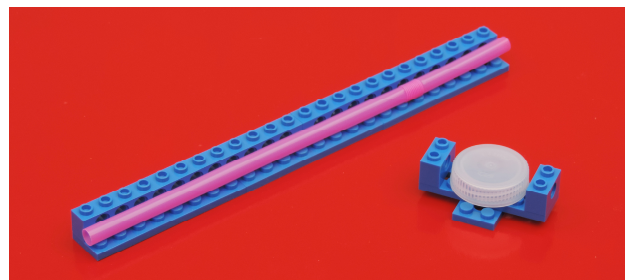
2013-2014 Robotics Competition Mission Object Details

The 2013-2014 EARLY Robotics Competition mission objects are 45 water bottle caps representing **Pumps** and 45 straws representing **Pipes**. The following information is provided for the **Pumps** and **Pipes**.

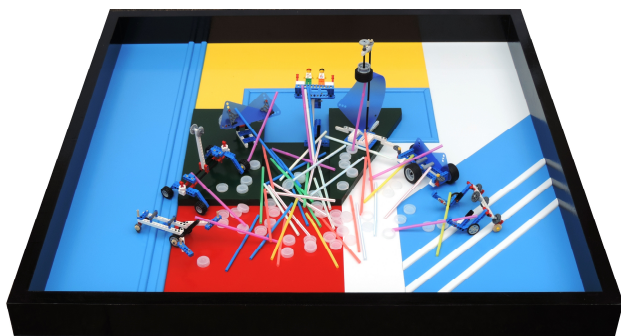
Pumps & Pipes



A **Pump** is represented by a low profile water bottle cap & a **Pipe** is represented by a straw



A **Pump** is about 1.1" in diameter and 0.3" tall & a **Pipe** is about 0.25" in diameter and 7.5" long



45 bottle caps and 45 straws are used for the mission



Water bottles and straws can be purchased from a variety of department, grocery, dollar, and drug stores

- The mission objects are a low profile water bottle cap and a standard flexible straw.
- The water bottle cap measures approximately 1.1" in diameter and 0.3" tall. This cap is found on Ozarka water bottles and most low profile water bottle caps are very similar.
- The flexible straw measures approximately 0.25" in diameter and 7.5" long.
- The cap mission object is referred to as a **Pump** and the straw mission object is referred to as a **Pipe**.
- There are 45 cap mission objects and 45 straw mission objects required for the challenge.
- Water bottles and straws can be purchased from a variety of department, grocery, dollar, and drug stores.
- The cost of 45 water bottles and 45 straws is approximately ten dollars.

Please contact Mission.Control@EARLYrobotics.org with any questions or comments.

Thank you for maintaining the spirit of the game!