

Mechanics Module 6 – Equipment List and Setup

What	Qty	Activities
Ball on a string	1	3
5 cm Teflon tube	1	3
Yo-yo	1	6, 8
Meter stick	1	7
Toy gyroscope with support stand	1	12
Gyroscope String (in Box)	1	12

Setup

The Teflon tube should have an inner diameter sufficiently large that the string attached to the ball can easily be threaded through it.

The yo-yo should be wide and preferably have rubber “tires” so it can easily be rolled on a tabletop. The Duncan *Throw Monkey* model works well.

The Throw Monkey yo-yos need to be checked before being deployed. A few problems that can occur include: *Friction pads wearing down, string getting jammed between the axel screw and body, students trying to “repair” the yo-yo themselves with weird knots and hack jobs, screws and axel needing replacement.*

Revised April 2015 – Sean al-Baroudi