

Science Magic Syllabus

The order of the classes is subject to change.

	Class Topic	Science Concept
1	Balancing Bird	center of mass
2	Balancing Bird and Forks	center of mass, conduction
3	Tablecloth trick	inertia/friction
4	Mobius Strip	famous surface in mathematics
5	Mystery Climber	friction
6	Levitating Magnets/Ghost Jar	magnetism
7	Gummy worms	polymer chemistry
8	Vision Tricks (Optical Illusions)	how the eye works
9	Light Tricks	convex lens, refraction, reflection
10	Sensory Tricks	playing tricks on your body's nervous system (dollar drop, boomerangs, Aristotle's Illusion)
11	Air Pressure	air pressure, Bernoulli's Principle
12	Floating Orb and Dancing Ghosts	static electricity