

Mission Possible - 2007

Construction Tasks

- Task #1:** Design and build a “paddle wheel” that is rotated 360 degrees by falling marbles and it must operate another simple machine type.
- Task #2:** Design & build a system that loads sand into a container that then operates a lever that operates the next machine type.
- Task #3:** Design and build a simple machine that uses the mass of a falling veggie can to lift a heavier veggie can 5 cm. higher.
- Task #4:** Get the falling sand to delay for 30 seconds before operating the next machine type.
- Task # 5:** If time permits, link everything together.