Solar System Formation

My aim is to explain the origins of the objects in our solar system. I plan to begin with our Sun and work outwards. I plan to explain the inner 4 planets, the outer 4 planets and then the asteroid belt along with the Kuiper belt.

Day 1, Sun

1 Talk about how the sun formed from a nebula (dust).

1. nebula gas
2. gravity bringing material together and becoming a cycle
3. matter crushing itself & igniting
4. spinning, angular momentum

Day 2, Solar system

2 Talk about the formation of our solar system forming from the leftover material after the sun came together

1. sun hogging material
2. spinning, planets in a plane
3. planets forming from extra material

d. centrifugal force demo

Day 3, Inner (terrestrial) planets

3 Discuss the formation of terrestrial planets

1. debris coming together
2. gas blowing away to outer solar system
3. oil/ water demo

Day 4, Outer planets (gas giants)

4 Discuss the gas giants and why the outer planets are so different to the inner planets.

1. rocky centers
2. gas blown from sun
3. size

Day 5

5 Discuss the formation of the asteroid belt and why it never coalesced into its own planet

1. rocks floating in orbit
2. never formed a planet because of Jupiter
3. are pretty much unchanged as result.