

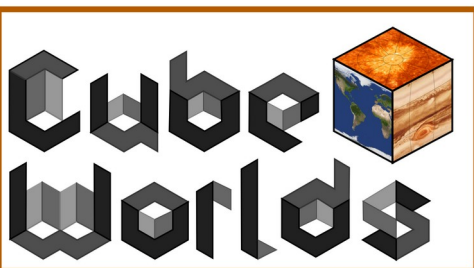
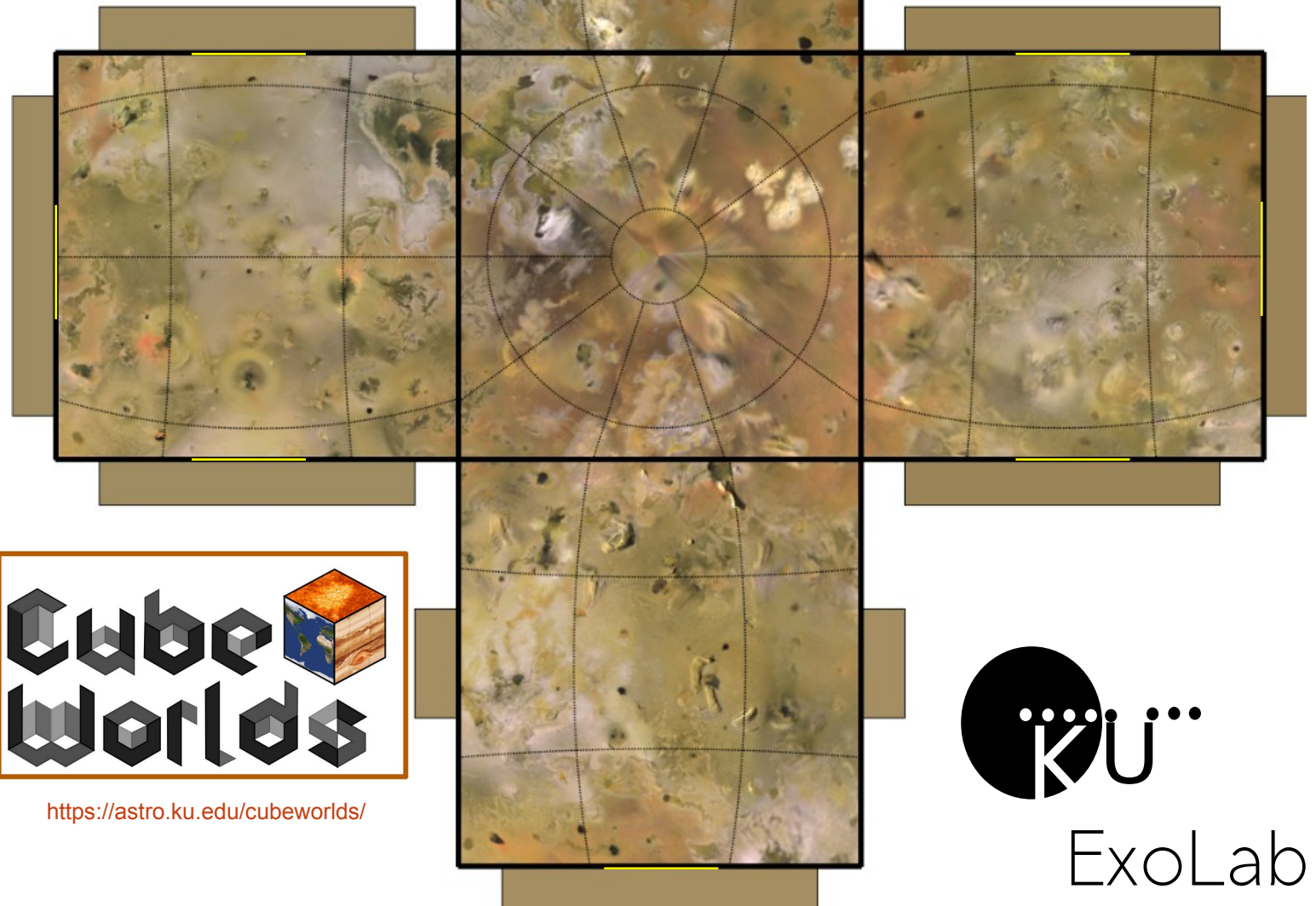
## Io: Volcano Moon

Io is one of the largest moons of Jupiter, and was discovered by Galileo over 400 years ago. It orbits very close to Jupiter, taking less than 2 days to whirl all the way around that gas giant. Although Io is only slightly larger than Earth's moon, its surface looks very different: instead of being covered by ancient gray craters, Io is a smoother, colorful, speckled world. This is because Io is the most geologically active object in the solar system: its many mountains, spots, and colors regions are the result of constant, ongoing volcanic eruptions and lava flows.

## Instructions:

Just cut out the colored region, and make small slits at the yellow lines. Then fold up the sides of the cube, fold down all the tabs, fold along the thin grey lines, and slip the smaller tabs inside the slits. (Even easier: just cut off all the tabs and stick everything together with tape). Voila: your own gas-giant exoplanet!

Of course, real planets are spherical, not cubes – but we think you'll agree that a cube is easier to cut & fold!



<https://astro.ku.edu/cubeworlds/>



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