

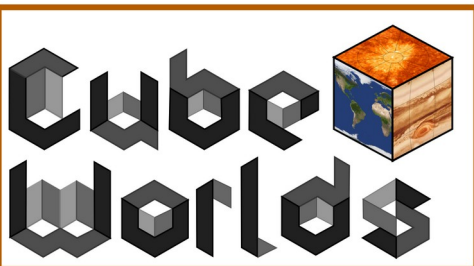
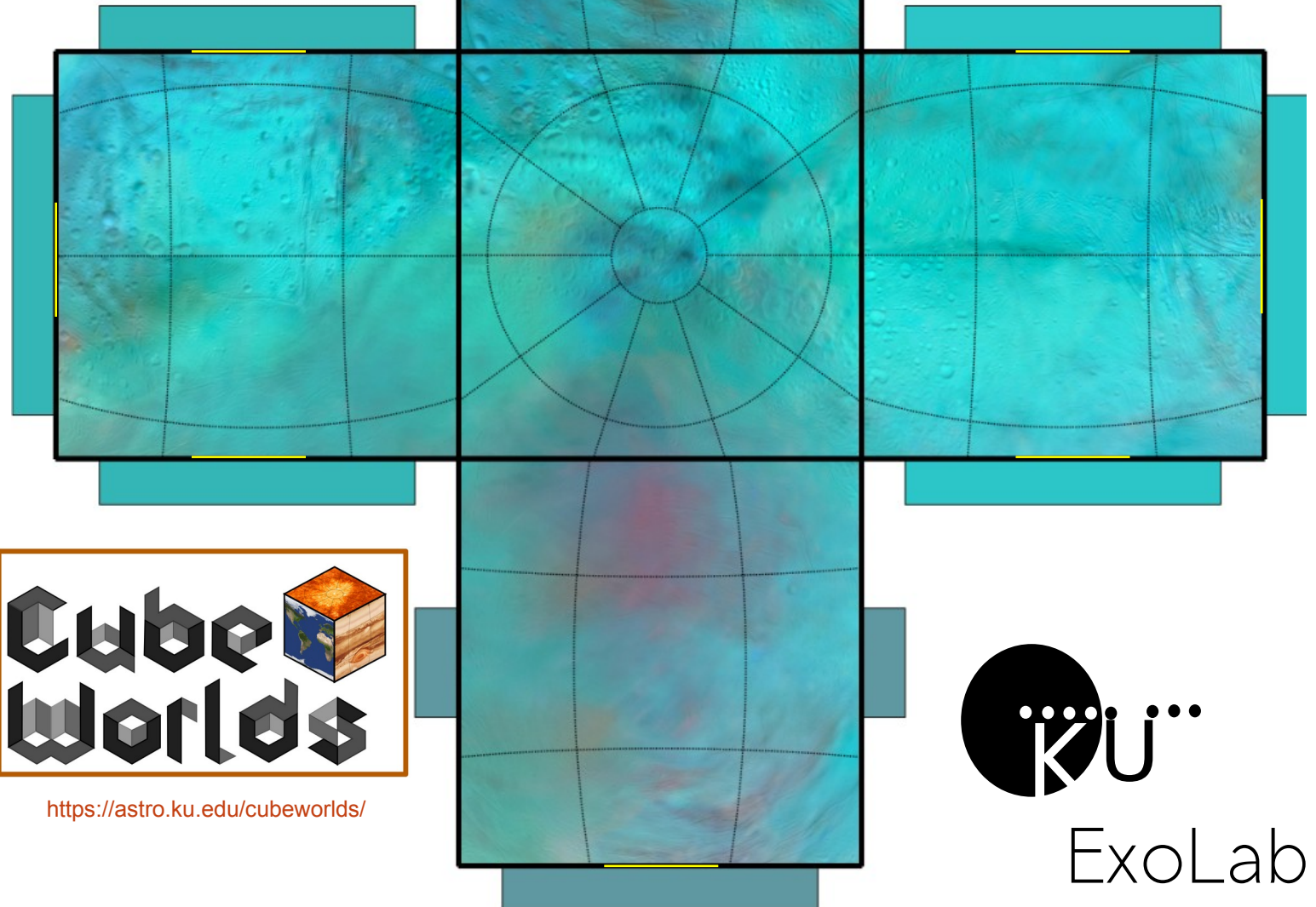
Enceladus: A Cool Moon

Enceladus is a moon of the ringed planet Saturn. It is roughly one-third as big across as the Earth's moon. Because it and Saturn are so far from the Sun, Enceladus is also much colder than our Moon – and it's covered in ice. This map of Enceladus shows its surface as seen by NASA's *Cassini* spacecraft; the striped, red region shows its South Pole regions that are significantly warmer than the rest of the moon, which might indicate recent large-scale movement of the moon's icy crust... and perhaps even a hint that liquid water lies near the surface.

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/>



ExoLab