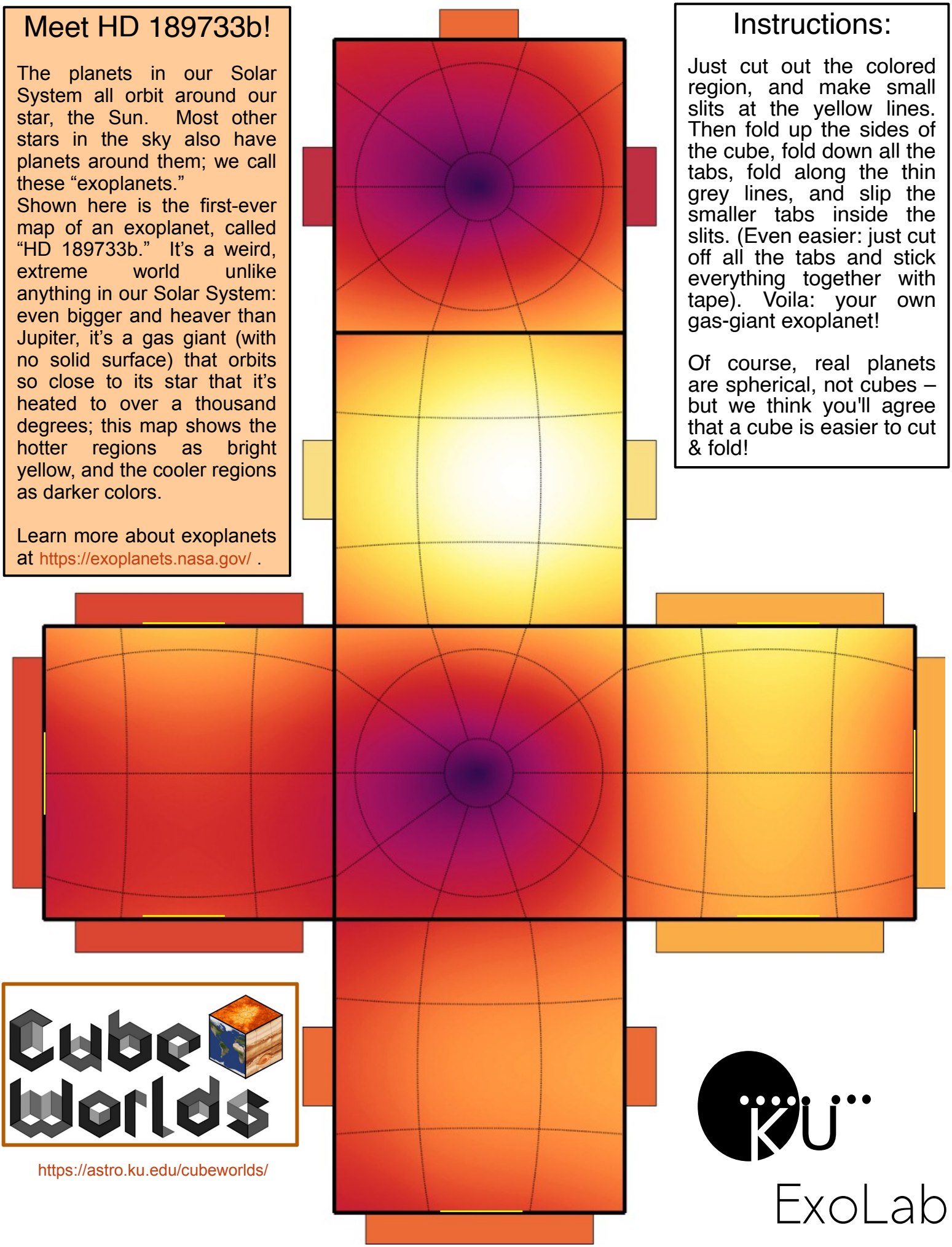
Meet HD 189733b!

The planets in our Solar System all orbit around our star, the Sun. Most other stars in the sky also have planets around them; we call these “exoplanets.”
Shown here is the first-ever map of an exoplanet, called “HD 189733b.” It’s a weird, extreme world unlike anything in our Solar System: even bigger and heaver than Jupiter, it’s a gas giant (with no solid surface) that orbits so close to its star that it’s heated to over a thousand degrees; this map shows the hotter regions as bright yellow, and the cooler regions as darker colors.

Learn more about exoplanets at https://exoplanets.nasa.gov/ .



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!

Cube Worlds

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

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