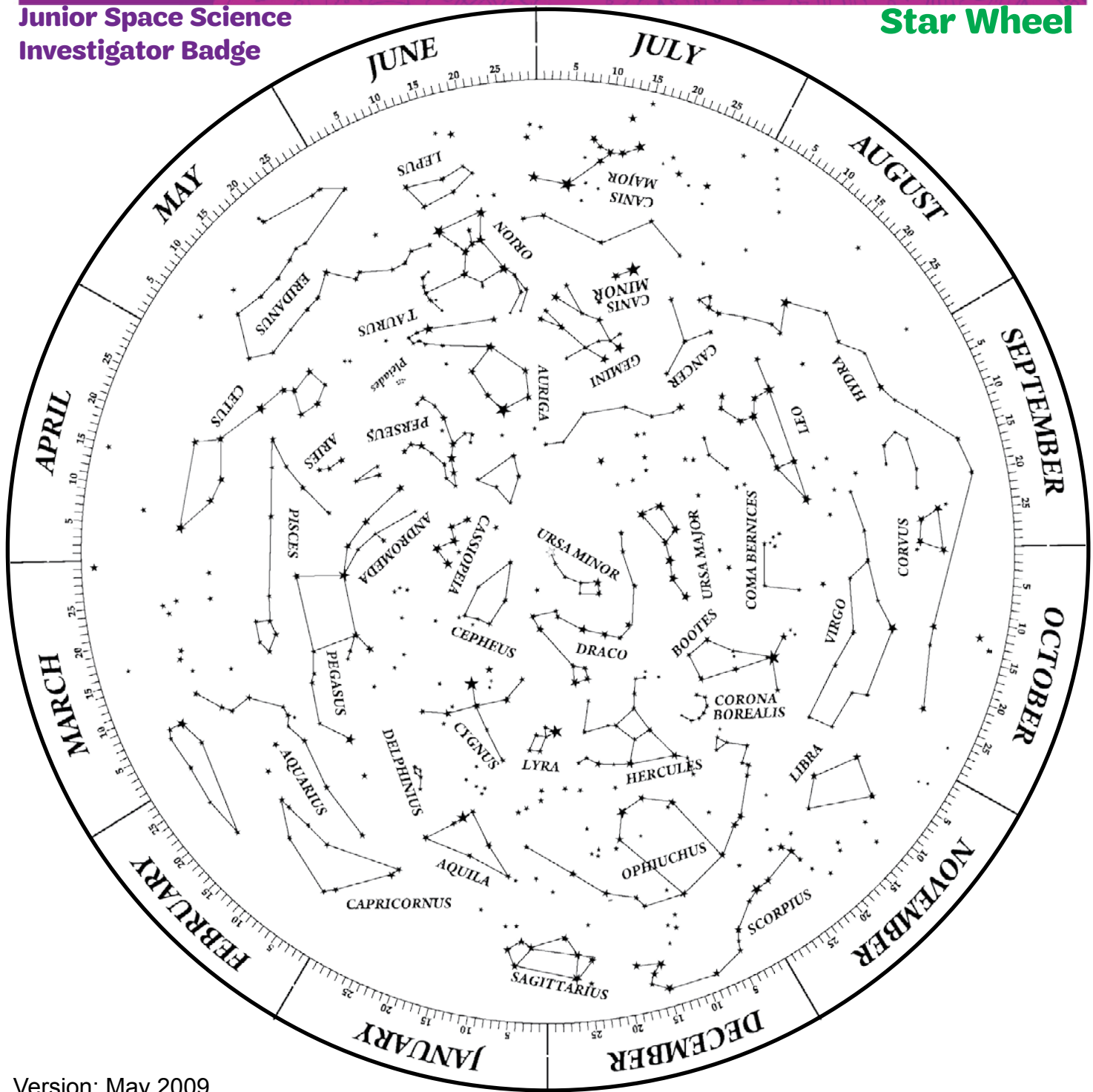




Version: May 2009

INSTRUCTIONS FOR ASSEMBLING UNCLE AL'S STAR WHEELS

- Step 1: Print out all pages either on heavy cardstock or paste them onto a file folder or any other sturdy piece of cardboard.
- Step 2: Cut along the black outer circle of the Star Wheel and along the solid lines on the Star Wheel Holder. Remove the interior oval shape on the Star Wheel Holder.
- Step 3: On the Star Wheel Holder, fold the cardboard along the dashed lines.
- Step 4: Tape or staple along the edges of the Star Wheel Holder forming a pocket.
- Step 5: Place the Star Wheel in the Star Wheel Holder.

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Uncle Al's HOU Star Wheels are based on LHS Sky Challengers created by Budd Wentz and available through the LHS Discovery Corner Store 510-642-1016

<http://lhs.berkeley.edu/pass/AST110&111&121.html>

Download Uncle Al's Sky Wheels from <http://lhs.berkeley.edu/starclock/skywheel.html>

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STAR WHEEL HOLDER

KEPLER STAR WHEEL

UNCLE AL'S HANDS-ON UNIVERSE

HOLDER FOR LATITUDES
ABOUT 30°-50°N

NORTHERN HORIZON

EASTERN HORIZON

WESTERN HORIZON

SOUTHERN HORIZON

NASA's Kepler Mission website - kepler.nasa.gov

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Version: February 2013

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Uncle Al's Star Wheels are based on LHS Sky Challengers created by Budd Wentz.
Uncle Al's Star Wheels - <http://www.uncleal.net/uncle-als-starwheels>
Kepler Star Wheel - <http://kepler.nasa.gov/education/starwheel/>
[this site has latest version of starwheels, holders, and a page of star & planet details]

1. Align your date and time, and then look up at the sky.
2. Locate the constellation you want to find on the map.
3. Turn your map so the horizon it is closest to is at the bottom.
4. The star positions in the sky should match those on the wheel.

Instructions for Using Uncle Al's Star Wheels

Tape

Tape