

Name: _____

Activity – Making and Using a Star-Finder

Goal: to learn the names of 5 constellations, and to determine what times of the night and times of the year they are visible.

Make your Star-Finder by cutting out the Star-Finder Wheel Grid along the dashed lines, and the Star-Finder Wheel Template. Fold the Wheel Holder along the lines indicated, and then attach the sides with tape so that it forms a pocket to hold the Star-Finder Wheel.

Procedure:

Choose 5 constellations from the Star-Finder Wheel and write their names in the left column of the table below.

Turn the wheel in the holder so that the date and time you are interested in line up. E.g. for 10:00 PM, December 15, turn the wheel so that the line for December 15 on the wheel lines up with the little arrow for 10:00 PM on the holder. Examine what is visible in the holder window. Is the constellation you're interested in visible?

| Constellation Name | Visible at 10:00 PM, December 15? (yes/no) | Visible at 2:00 AM, December 15? (yes/no) | Visible at 10:00 PM, July 15? (yes/no) | Visible at 2:00 AM on July 15? (yes/no) |
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Are all constellations visible in the night sky the whole year-round?

Name a constellation which is visible the whole year-round.

Mark out of 6: _____