

# STAR WHEEL

Standard time  
Daylight-saving time

Facing North

Facing East

Facing West

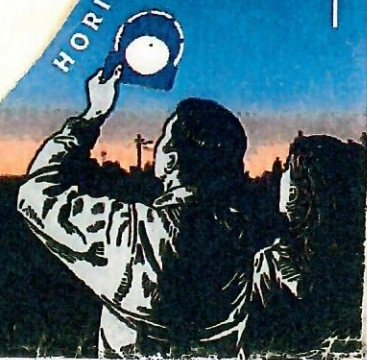
HORIZON

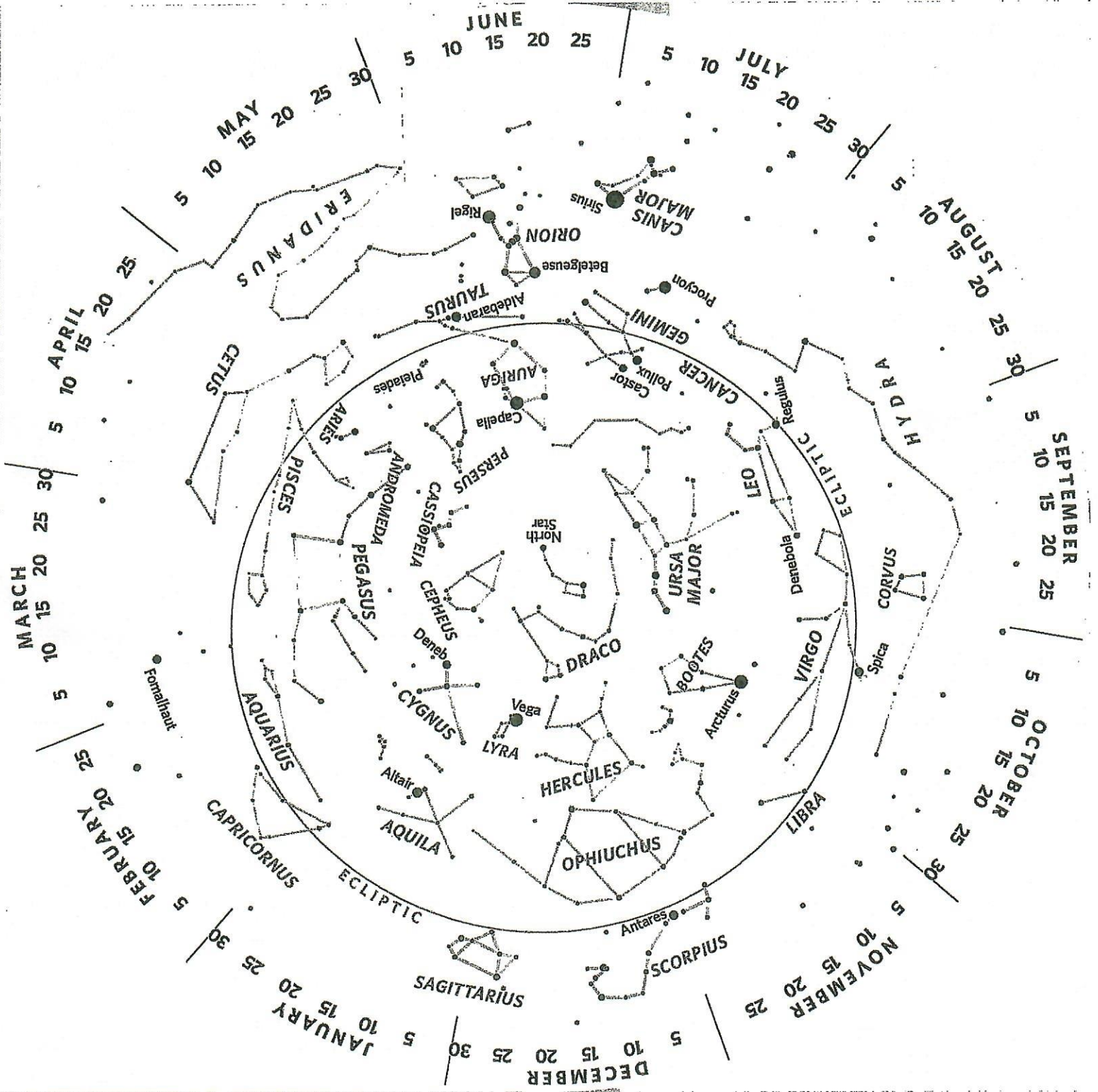
HORIZON

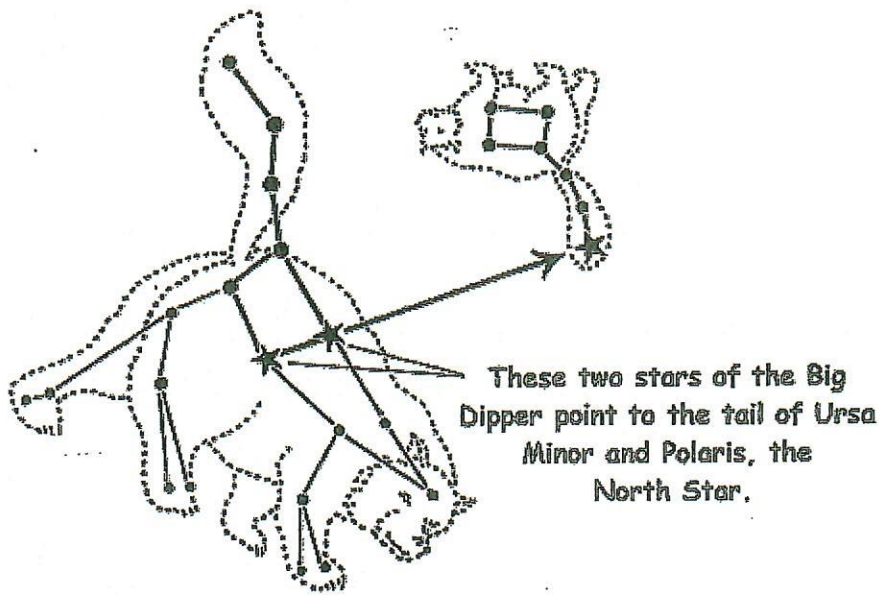
Facing South



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## ACTIVITY

### Materials and Equipment:

#### Materials (# per student)

Star wheel disk  
Star wheel sleeve

#### Equipment (# per student)

Scissors  
Pencils  
Stapler

### Procedure:

#### Preparations

Print out star wheel disk and sleeve on cardstock.

#### Introduction

Discuss constellations (see background info).  
Review safety precautions.

#### Activity

1. Cut out the star wheel parts – disk and sleeve. For the sky map (disk), trim away the gray corners so that you're left with a circle 8 inches (20.32 cm) across. For the outer sleeve, make sure you keep the large white rectangle at the bottom; also, cut out the white oval in the middle.
2. To make the star wheel, fold the white rectangle at the bottom of the outer sleeve so its underneath the front. Then staple the rectangle to the front at the locations marked by short white lines to either side of the oval. Now slip in the circular sky map so its shows through the oval.
3. Pick the date and hour you want to observe, and set the star wheel so this date (on the rim of the circular disk) matches the time indicated along the edge of the outer sleeve. Use white