*Dipper Finder Pattern and Instructions*

9pm

Ma

Horizon

North

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Polaris

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Construction

1. Cut out the circle and rectangle and glue-stick both onto tag board. Trim tag board to exact size of circle and square.

2. Fasten circle to rectangle by putting paper fastener through Polaris.

Use

1. Line up the date of ob- servation with the time of observation. For example,

if it is 10 p.m. on April 11, turn the month wheel until

a point about a third of the way into the space marked “April” is aligned with 10 p.m. on the square card.

2. Hold the card up so that the north horizon on the card corresponds with the north horizon in the planetarium or real sky.

Horizon

Dipper Finder