

# **Astronomy K-1**

**Kit #60 - #61**

# **Black Line Masters**

**Patterns of Motion:**

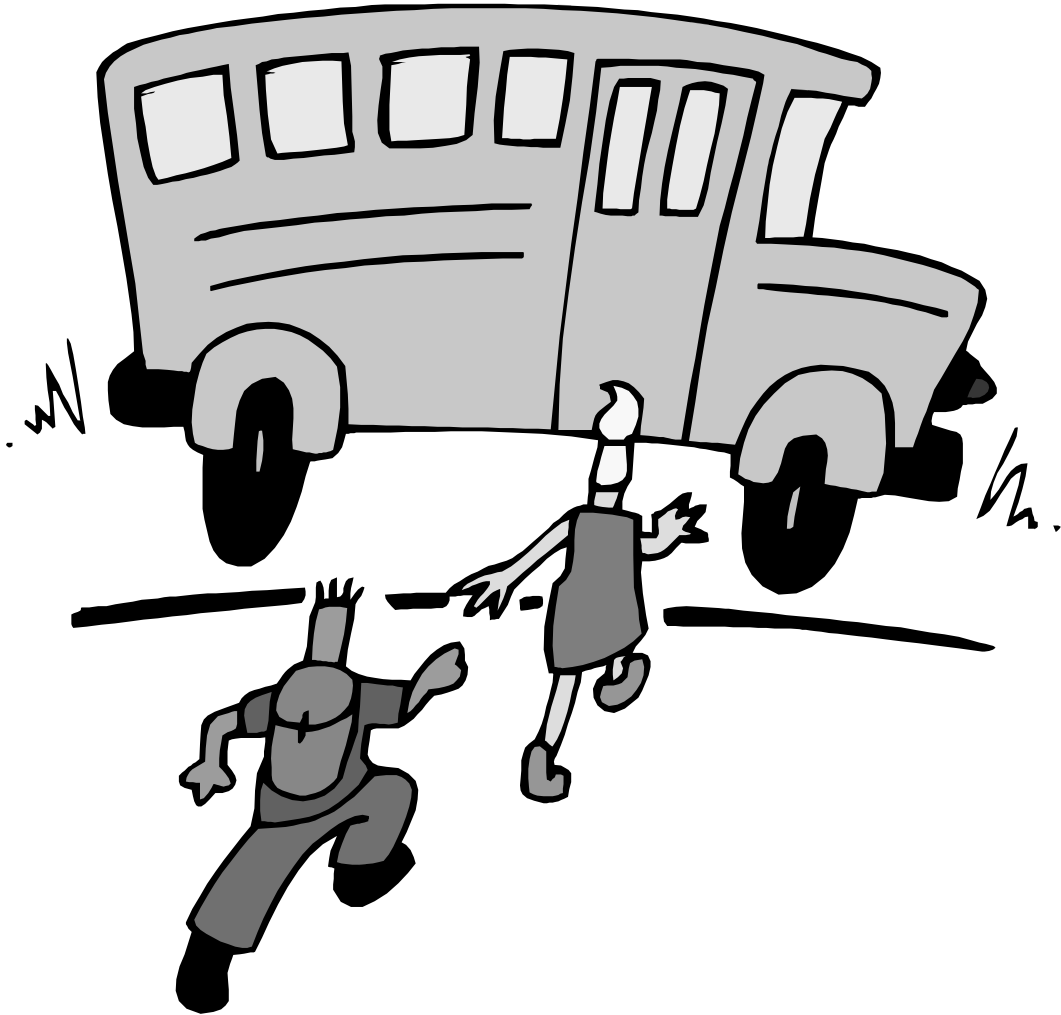
What is the pattern of the “swing” motion?



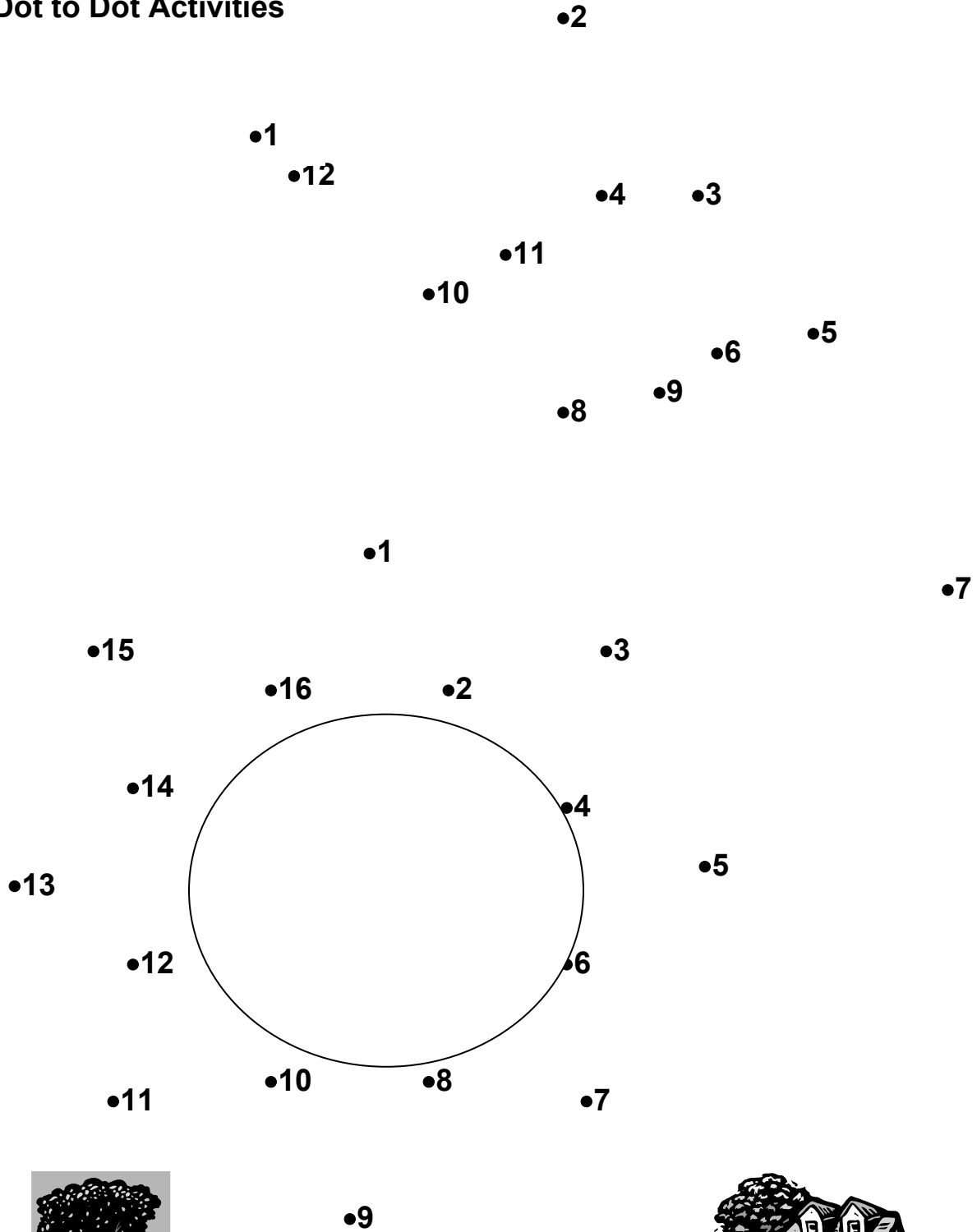
What is the pattern of motion of the top?



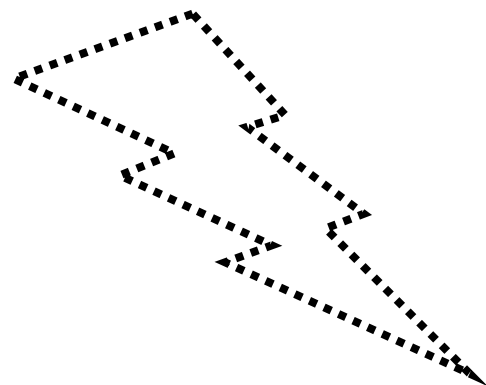
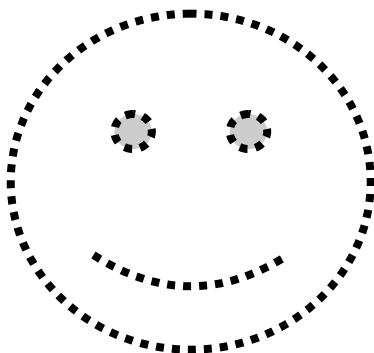
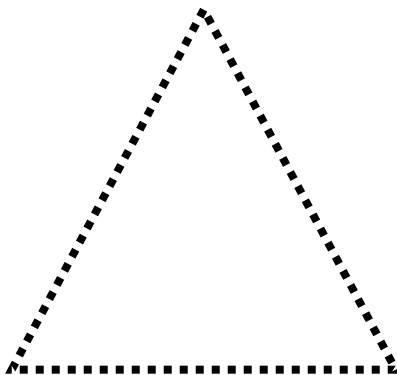
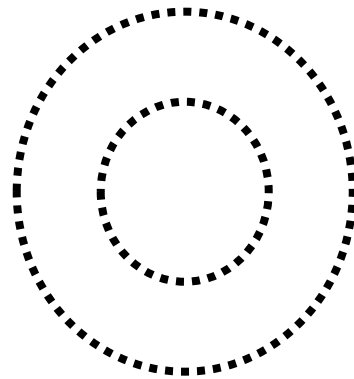
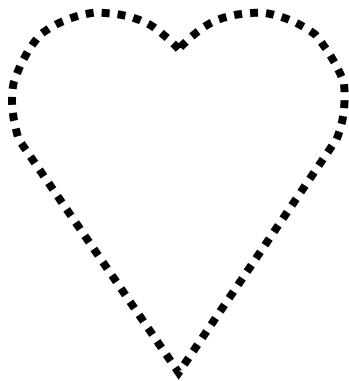
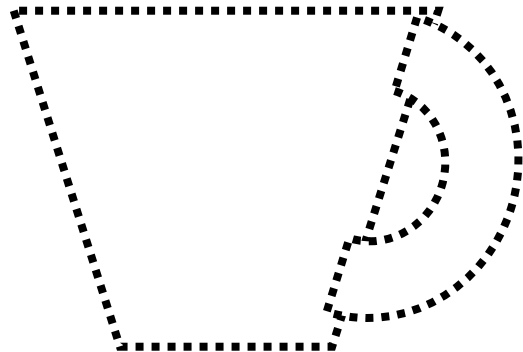
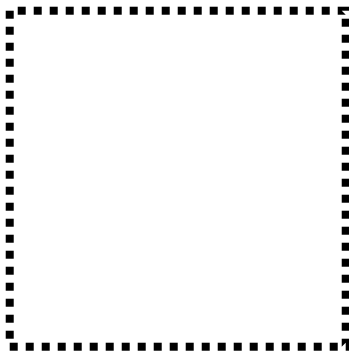
Daily Pattern of Motion: Does your School Bus have a daily route?



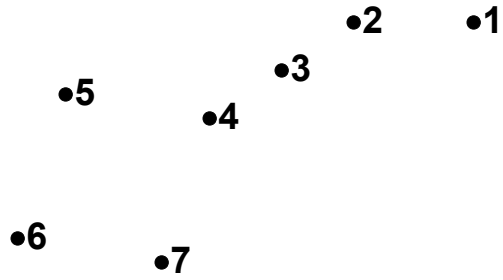
# Dot to Dot Activities



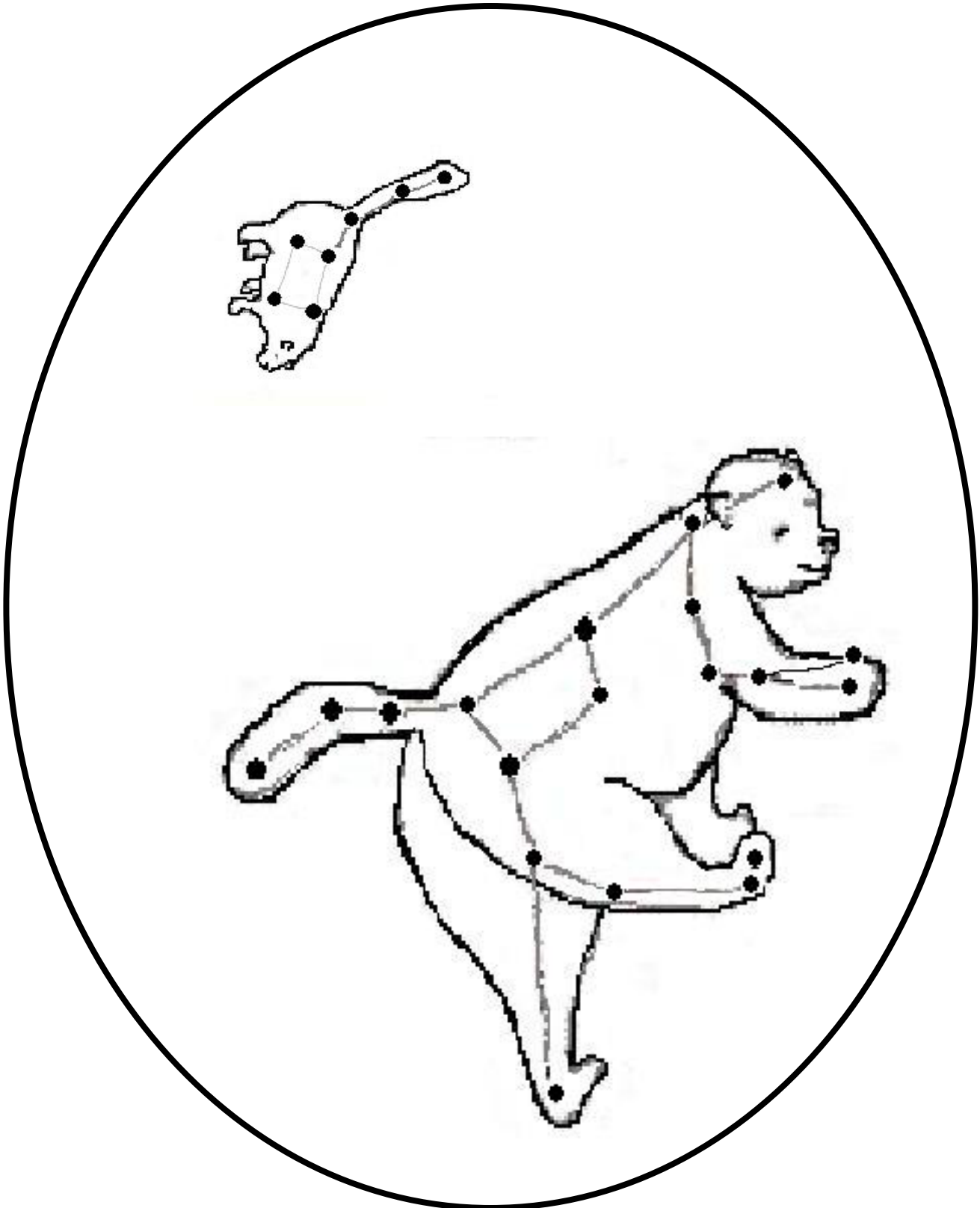
**Object Patterns:** Outline each of the shape patterns. What is your favorite shape pattern? Color it.



# Star Pattern Sheet



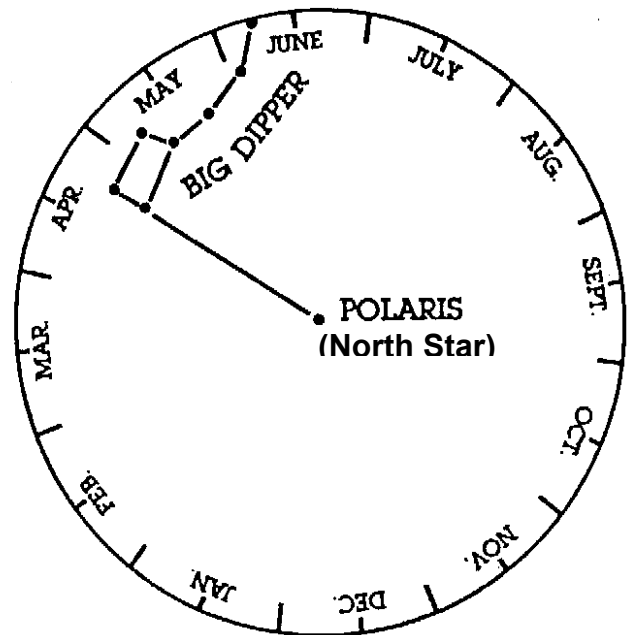
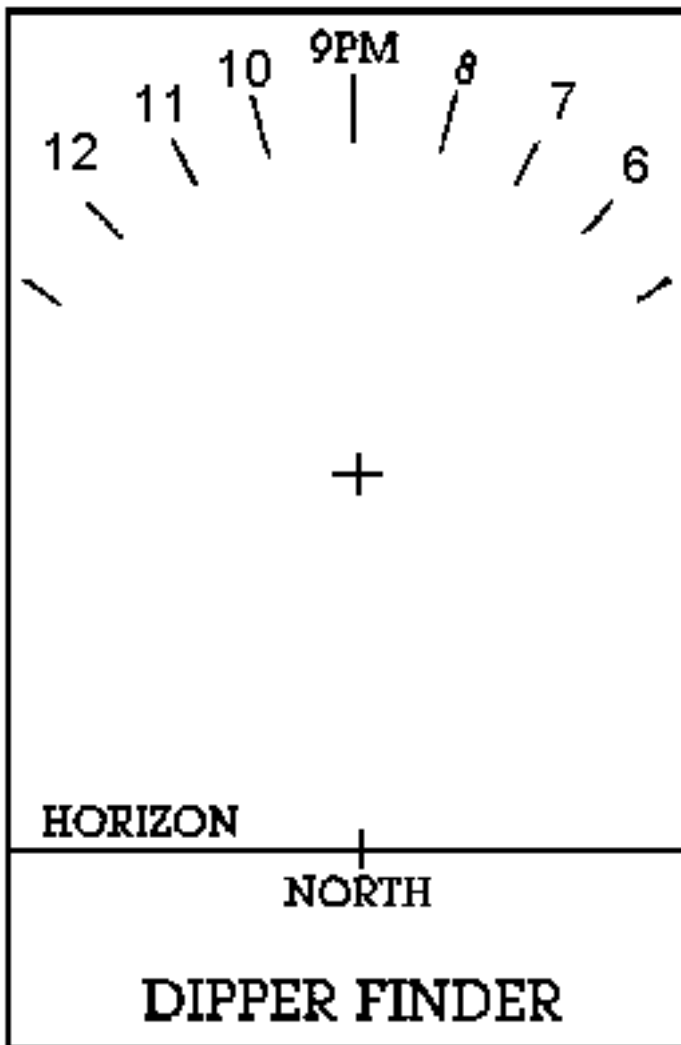
**Bears in the Sky**



## Dipper Finder 1

The Dipper Finder will show you the correct position of the Big Dipper at any hour for any month throughout out the year.

1. Cut out the circle and rectangle.
2. Place the circle on top of the rectangle and fasten with brad through the North Star (Polaris).
3. Set the month to the correct time and then go outside and find the Big Dipper by facing North and holding the Dipper Finder over head.





## Dipper Finder 2

The Dipper Finder will show you the correct position of the Big Dipper and Little Dipper at any hour for any month throughout out the year.

1. Cut out the circle and rectangle.
2. Place the circle on top of the rectangle and fasten with a brad through the North Star (Polaris).
3. Set the month to the correct time and then go outside and find the Big Dipper by facing North and holding the Dipper Finder over head.

