

# Astronomer

1. Name several stargazers of the Bible.
2. Identify one planet, two stars, and three constellations in the sky at night and give their correct names.
3. Make a constellation peep box.
4. Explain the difference between a planet and a star.
5. Observe planets and stars in the night sky.
6. Observe two of the following and make a crayon resist:
  - a. moon rise
  - b. sunrise
  - c. sunset
7. Find three texts in the Bible that refer to the heavens.



Grade 3

S T E P B Y S T E P

## Crayon Resist

Make a picture with wax crayons on a sturdy piece of paper. Leave some parts of the picture uncolored. Paint over the picture with tempera paints or water color. (Use black or dark blue for the night sky.) The paint will not stick to the crayoned part of the picture only to the blank paper, so the picture will stand out clearly against the painted background.

## Helps

1. Adam and Eve (Education, page 21); Abraham (Genesis 15:5); Joseph (Education, page 52); Jesus (SDA Commentary, Volume 5, page 1117); Moses (Patriarchs & Prophets, page 475); Wise Men (Matthew 2:2).
2. Go out at night to observe the sky and draw a picture of the planet, stars and the constellations you saw. When possible visit a planetarium.
3. Take a small shoe box, oatmeal box, etc. Have the children choose which constellation they wish to make. Draw the constellation on the outside end of the container. Poke a small hole where each star is located. Turn to other end and cut two medium eye-size holes to peek into. Hold peep box to light and view the constellations. Encourage variety in the constellations so when finished each child may guess what one (s)he is viewing.
4. Observe and recognize some prominent stars and constellations. A star is a single body, such as the North Star. A constellation is a group of stars, such as the Big Dipper. Some of the brightest stars are Polaris, Castor, Regulus, Deneb, Altair, Rigel, Capella, and Vega. Orion, Leo, Libra, Lyra, Virgo, Taurus, Ursa Major, Ursa Minor, and Canis Major and Minor are a few of the constellations. Choose several of each, locating ones that are easiest to find and identify in your area during the time of year you are taking the class.
5. Go away from city lights to view the night sky. Or watch a program, video, etc. on the sky. Spend the night. Enjoy!
6. Observe the sky at sunrise, sunset and/or moon rise. Make it a fun time together to watch the wonder of God's large lights.
7. A Bible concordance lists many texts. Choose, read, and explain. e.g., Genesis 1:16, Deuteronomy 10:22, Isaiah 13:10, Matthew 2:10.