


Activities for "Star Gazers"

How Big is the Solar System?

This activity will give students a sense of how big different objects in the solar system are in relation to each other, as well as how far they are from the sun. For more information visit:

<https://experienceastronomy.com/how-big-is-the-solar-system/>

OBJECT IMAGE (Sized to fit page)	OBJECT NAME	REPRESENTS	THE BIG QUESTION
	1 basketball	SUN	How far away are the planets (represented by various objects) from the sun (basketball?)
	2 pin heads	Mercury Mars	33 feet 130 feet
	2 peppercorns	Earth Venus	85.5 feet 62 feet
 <small>shutterstock - 124632427</small>	2 peanuts	Uranus Neptune	1644 feet (about 0.3 miles) 2,572 feet (about 0.5 miles)
	1 pecan	Jupiter	445 feet
	1 acorn	Saturn	819 feet
			NOTE: In this model every inch represents about 90,569 miles.

MORE Activities for "Star Gazers"

Paint the Night Sky

Let your preschool students explore and enjoy the process of creating art. Provide paper, black paint and glitter and let them paint the night sky with black paint and glitter. To extend the lesson, discuss why stars are easier to see on dark nights. <https://playteachrepeat.com/invitation-paint-night-sky/>



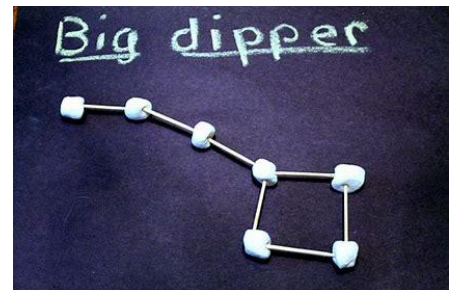
Star Struck Constellation Craft

Primary students will have fun creating a constellation using black construction paper, gold star stickers, white chalk. <https://www.giftofcuriosity.com/constellation-craft-for-kids/>



Cosmic Marshmallow Craft

Use toothpicks and marshmallows to create a constellation! Super easy, super fun, and super tasty when you're done! <http://www.simplyrealmoms.com/posts/simply-summer-school-constellations/many-constellation-activities/>



Learn more about Earth and space science in this solar system word search perfect for second grade. In it, kids will try to find and circle the names of the different planets, going horizontal, vertical, forward, and backward. After they finish, ask your space-savvy student if they can write the planets in the proper sequence.

<https://www.education.com/worksheet/article/solar-system-word-search/>

