



SCIENCE AT THE STATE FAIR!

N.C. State Fair 2017 Scavenger Hunt



THE COMPASS SYMBOL INDICATES THAT YOU SHOULD LOOK FOR A SIGN TO HELP YOU FIND YOUR ANSWER.

- 1** In Heritage Circle you will see examples of old-time skills at work, including the operation of a grist mill, a blacksmith shop and even an apple press for juice and cider. If it takes 3 medium apples to make a cup of apple juice, how many apples would you need to make 25 gallons of apple juice?

ANSWER:

- 2** At the Soil and Water Conservation exhibit, learn more about North Carolina soils. The exhibit features a new display about composting. Composting involves speeding up the natural process of what?

ANSWER:

- 3** Nearby, you will see the N.C. Forest Service exhibit and the giant Smokey Bear. Firefighters often have to use many tools and techniques to contain forest fires and keep them from spreading. One tool involves creating a gap in vegetation or other combustible materials that then serves as a barrier to slow or stop the progress of a fire. What term is used for this tool?

ANSWER:

- 4** In the Flower and Garden Show area, check out the outdoor chrysanthemum display and all the pretty colors of flowers. What is the scientific name of the family of chrysanthemum plants, and name three other flower relatives?

ANSWER:

- 5** Stop in the N.C. Wildlife Commission tent located next to the Children's Barnyard and look for this year's featured species, the Henslow sparrow. How does the Henslow sparrow prefer to flee from threats?

ANSWER:

- 6** In the Expo Center, you can find the State Fair Ark and the Avenue of Champions, featuring all the grand and reserve grand champion animals on display. Look for the mama pig and her piglets on display. What is the gestation (pregnancy) period for a pig? Is it the same as for humans?

ANSWER:

7



Don't miss the buzz at the honey and bee exhibit in the Expo Center. Honeybees are powerhouse pollinators, making them essential workers in producing many of our food crops. Pollination requires bees being able to hone in on plant flowers. How many eyes does a honeybee have?

ANSWER:

8

Step right up to the sink at the Germ City exhibit and give your hands a good scrub. Washing your hands thoroughly helps remove germs, but sometimes we miss spots. List what parts of your hands you missed when you went through the exhibit?

ANSWER:

9



Go check out the Field of Dreams exhibit outside Dorton Arena, where you can see examples of some of North Carolina's top crops growing in four food-themed gardens. In the Gobble Garden, you will see corn growing. What plant family does corn fall into?

ANSWER:

10



In Dorton Arena, look for the N.C. Department of Natural and Cultural Resources exhibit, which focuses on the infamous pirate Blackbeard. The remains of Blackbeard's ship the Queen Anne's Revenge were discovered off the coast of North Carolina in 1996. Since that time, divers have worked to remove artifacts from the ship's remains underwater. When iron artifacts, such as cannon balls are found, they most often look more like rocks than a cannon ball. There is a term for this. What is it?

ANSWER:

11



Cruise by Casey's Clubhouse, sponsored by the Shed Depot, to figure out what a cardinal's favorite foods are. And, no, we are not talking about Casey's personal favorites of roasted corn and funnel cake. The diets of real cardinals consist of what?

ANSWER:

12

Check out the Poultry Tent behind the Jim Graham Building where you will see all colors, sizes and breeds of poultry on display. True or False: Brown eggs pack more nutritional benefits than white eggs?

ANSWER: