



SCIENCE AT THE STATE FAIR

N.C. State Fair 2016 Scavenger Hunt



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



- 1 In 2016, the blacksmith shop underwent a major reconstruction, employing a construction style widely used at one time in the South. **Name the construction style, and what main function this style serves?**

Answer:



- 2 At the Soil and Water Conservation exhibit, check out the soil tunnel to see the different layers and composition. North Carolina has more than 400 soil types in the state. **What is the most common one?**

Answer:

- 3 Nearby, you will see the N.C. Forest Service exhibit. Forest pests can be especially problematic for foresters because of their ability to move from one area to another, oftentimes with an assist from people. **What is the best way humans can help stop hitchhiking insects from moving from one location to another?**

Answer:



- 4 Head over to the Flower and Garden Show area to look at the variety of cut flowers and outdoor gardens on display. Check out the outdoor chrysanthemum display and all the pretty colors of flowers. **What was the first country to cultivate chrysanthemums?**

Answer:

- 5 Stop in the N.C. Wildlife Commission tent located next to the Children's Barnyard. This marks the first time this type of animal has been featured on the wildlife button. **What type is it?**

Answer:



- 6 In the Expo Center, you can find the State Fair Ark and the Avenue of Champions. You can also learn about the animals competing in the show ring during the fair. **What is the scientific name for cattle? What is the scientific name for sheep? What is the term used to describe a young goat?**

Answer:



- 7 What's all the buzz about at the honey and bee exhibit in the Expo Center? Honeybees are critical to growing crops and producing food, busily flying from plant to plant pollinating the blooms which become fruit. **How long does a worker bee live in the summer time?**

Answer:



- 8 When you visit Germ City, be sure to try your hand at the hand washing activity to see how thorough you are with your handwashing skills. Washing your hands thoroughly helps remove germs. **True or false, when you wash your hands, it is more important to focus on your palms because it is the largest area of your hands.**

Answer:



- 9 This year's Field of Dreams exhibit features four food-themed gardens. **What "fruit" is featured in three of the four gardens?**

Answer:



10 In the Pizza Patch garden, **name a type of plant that adds flavor to food.**
Answer:



11 In Dorton Arena, you can find Treasures of North Carolina, a new exhibit by the N.C. Department of Cultural Resources that digs into the past and unearths clues about our state's history, including a display of artifacts from the Queen Anne's Revenge. **What field of science looks for artifacts to help understand human activity?**
Answer:

12 Look up to see the State Fair's newest ride, The State Fair Flyer, a chairlift that is 1,444 feet from end to end, and about 40 feet off the ground at its peak. The haul rope that carries the passengers weighs 2.13 pounds per foot. **How much would 1,444 feet of rope weigh?**
Answer:

CONGRATULATIONS, YOU ARE AN N.C. STATE FAIR ADVENTURER!

**TURN YOUR COMPLETED SCAVENGER HUNT IN AT THE EXPO CENTER LOBBY TO COLLECT YOUR RIBBON!
TELL YOUR FRIENDS USING #NCSTATEFAIRADVENTURER**