

# The Great Computer Challenge, 2025

## *Internet Scavenger Hunt, Level 2*

### Background

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You will follow a story about Jen who is driving from ODU (in Norfolk, Virginia) to Roanoke, Virginia to pick up her new puppy.

You must use the internet to solve the problems, providing the answers along with the URL to where you found it. Note: you may not be able to answer all the questions due to time and that is OK, only the questions you answered will count toward your score. Although you may know the answer already, you must find the information on the internet and provide the URL to the site on which you found it.

### Guidelines & Requirements

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For the judges to judge your entry, you must provide your answers **and** URLs by copying and pasting them into the [Google form](#). Be sure your URL opens to the correct webpage where you found your answer.

Some questions have multiple parts, be sure to complete all parts of the question **and** include all URLs. Entries missing an answer or URL will not count toward your score.

When done, click “Submit” on the [Google form](#) and it will automatically be sent to the judges.

If you cannot get to the [Google form](#) due to a problem with the computer, write your answers clearly in the spaces provided under the question.

#### Google Form URL

<https://forms.gle/gmswB2M2VB5iMfqA8>



<b>School</b>	
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## Challenge

Jen was ecstatic. Today was the day she would finally bring home her new puppy from Roanoke. But the journey from Old Dominion University (ODU) wouldn't be complete without some challenges along the way. Here's the story of her trip:

1. Jen wondered how long her journey would take as she followed the I-64 route towards Roanoke. If she didn't stop for gas or lunch, how long will it take to drive from Old Dominion University to the PetSmart on Franklin Road in Roanoke, Virginia?	
<b>Final URL(s)</b>	<a href="https://www.google.com/maps/">https://www.google.com/maps/</a>
<b>Answer(s)</b>	About 4 hours and 30 min (depending on traffic)
2. As Jen left ODU and drove toward Roanoke, she marveled at the towering trees by Rollins Hall, wondering if any could rival the tallest tree she had read about. What is the tallest known living tree in the world and where is it located?	
<b>Final URL(s)</b>	<a href="https://www.livescience.com/28729-tallest-tree-in-world.html">https://www.livescience.com/28729-tallest-tree-in-world.html</a>
<b>Answer(s)</b>	Hyperion, a Sequoia is in the Redwood National Park, CA
3. As she drove past Richmond, she thought about the famous poet who wrote the poem called "The Raven" who grew up in Richmond. Who was that poet and what university did he or she go to for about one year?	
<b>Final URL(s)</b>	<a href="https://poets.org/poet/edgar-allan-poe">https://poets.org/poet/edgar-allan-poe</a>
<b>Answer(s)</b>	Edgar Allen Poe, University of Virginia
4. Taking a short break at a scenic overlook Jen stopped to look at the Blue Ridge mountains. Which states are the Blue Ridge mountains in and what are their postal abbreviations?	
<b>Final URL(s)</b>	<a href="https://friendsofblueridge.org/our-mountains/mountains-history/">https://friendsofblueridge.org/our-mountains/mountains-history/</a>
<b>Answer(s)</b>	Pennsylvania (PA), Maryland (MD), Virginia (VA), West Virginia (WV), Tennessee (TN), North Carolina (NC), Georgia (GA)

5. As she got nearer to her destination, she was wondering how big her puppy would get. Certainly, it would never be as big as a blue whale. What is the full scientific name of the blue whale and what is their approximate length?	
<b>Final URL(s)</b>	<a href="https://www.worldwildlife.org/species/blue-whale">https://www.worldwildlife.org/species/blue-whale</a>
<b>Answer(s)</b>	Balaenoptera musculus, 80-100 feet or 24.384 – 30.48 meters

6. While driving, Jen noticed a license plate with the nickname "The Show Me State" on it. Which state is known by this nickname?	
<b>Final URL(s)</b>	<a href="https://www.britannica.com/story/why-is-missouri-called-the-show-me-state">https://www.britannica.com/story/why-is-missouri-called-the-show-me-state</a>
<b>Answer(s)</b>	Missouri

7. As Jen drew closer to Roanoke, she noticed a sign highlighting the city's famous Star—a stunning landmark she had read about. What is the Roanoke Star, and when was it built?	
<b>Final URL(s)</b>	<a href="https://www.visitroanokeva.com/things-to-do/attractions/roanoke-star/">https://www.visitroanokeva.com/things-to-do/attractions/roanoke-star/</a>
<b>Answer(s)</b>	Largest, free standing, man-made, illuminated star in the world, built in 1949

8. According to the American Kennel club Jen's puppy is the 11 <sup>th</sup> most popular breed in 2024. What kind of puppy did Jen get? If she got the most popular breed two years ago, what would she have gotten?	
<b>Final URL(s)</b>	<a href="https://www.akc.org/expert-advice/news/most-popular-dog-breeds-2024/">https://www.akc.org/expert-advice/news/most-popular-dog-breeds-2024/</a>
<b>Answer(s)</b>	Yorkshire Terrier, French Bulldog

9. As she was getting closer to PetSmart, a fun song started playing on the radio that fit the moment perfectly. What catchy canine related song released in 2000 by the Baha Men was Jen listening to?	
<b>Final URL(s)</b>	<a href="https://en.wikipedia.org/wiki/Who_Let_the_Dogs_Out">https://en.wikipedia.org/wiki/Who_Let_the_Dogs_Out</a>
<b>Answer(s)</b>	Who Let the Dogs Out

10. <b>Tiebreaker</b> - If Jen drove a 2025 Honda Civic Hybrid approximately how many gallons of gas did Jen use for the whole trip to Roanoke and back (rounded to the nearest gallon)?	
<b>Final URL(s)</b>	<a href="https://automobiles.honda.com/civic-sedan">https://automobiles.honda.com/civic-sedan</a> <a href="https://google.com/maps">https://google.com/maps</a>
<b>Answer(s)</b>	<a href="#">283.4 miles</a> x 2 = 566.8 miles at 47 mpg = 12.1 gallons or 566.8 at 50 mpg = 11.3 gallons  answers from 11 – 13 gallons are acceptable

As Jen picked up her puppy for the first time, her heart swelled with happiness, knowing that this tiny, furry friend would bring endless joy and laughter into her life.

## SOL Correlation

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**LS.10** The student will investigate and understand that ecosystems, communities, populations, and organisms are dynamic, change over time, and respond to daily, seasonal, and long-term changes in their environment.

**ES.3** The student will investigate and understand how to read and interpret maps, globes, models, charts, and imagery.

- maps (bathymetric, geologic, topographic, and weather) and star charts;
- imagery (aerial photography and satellite images); \* direction and distance measurements on any map or globe; and
- location by latitude and longitude and topographic profiles.

**6.9** The student will investigate and understand that organisms depend on other organisms and the nonliving components of the environment.

- Producers, consumers, and decomposers
- Food webs and food pyramids
- Cycles (water, carbon dioxide/oxygen, nitrogen)