

LESSON 2: RoadTrip Nation		Time: 110 minutes
<p><b>Overview:</b></p> <p>This lesson introduces students to Road Trip Nation. Students will view the 60 minute documentary and will complete the viewing guide while watching.</p> <p>*Optional - as a lesson extension, teachers can use <a href="#">The RoadTrip Nation Experience online course</a>, which has 5 lessons (each 60 minutes in length).</p>		<p><b>Objectives:</b></p> <ul style="list-style-type: none"> <li>• Students will watch the documentary</li> <li>• Students will complete the viewing guide</li> <li>• Students will reflect &amp; discuss learnings with a small group</li> </ul>
<p><b>Supplies:</b></p> <ul style="list-style-type: none"> <li>• RoadTrip Nation - online viewing guide</li> </ul> <p>*Optional - <a href="#">The RoadTrip Nation Experience Implementation Guide</a></p>	<p><b>Links:</b></p> <ul style="list-style-type: none"> <li>• <a href="#">RoadTrip Nation Documentary - "At Your Fingertips"</a> (60 minute video)</li> <li>• <a href="#">RoadTrip Nation Viewing Guide</a> (30 minutes, viewing guide completion)</li> <li>• <a href="#">RoadMap Tool</a> - online career interest survey</li> <li>• <a href="#">NCWIT: Which Computing Pathway is Right for me?</a> - webpage</li> </ul>	<p><b>Key Concepts:</b></p> <ul style="list-style-type: none"> <li>• Career opportunities in computer science</li> <li>• Representation</li> <li>• Authenticity</li> </ul>
<p><b>Preparation:</b></p> <p><b>Make a copy</b> of the Viewing Guide or put it in the LMS.</p> <p><b>Prepare</b> the linked video to present to students.</p>	<p><b>Sources:</b></p> <p>Road Trip Nation. (2020). <i>Watch our documentary "at your fingertips."</i> Watch Our Documentary "At Your Fingertips."  <a href="https://roadtripnation.com/roadtrip/computer-science-documentary">https://roadtripnation.com/roadtrip/computer-science-documentary</a></p> <p>NCWIT.org. (2021, May 28). <i>Which computing pathway is right for me?: National Center for Women &amp; Information Technology.</i> NCWIT.org.  <a href="https://ncwit.org/resources/which-computing-pathway-is-right-for-me/">https://ncwit.org/resources/which-computing-pathway-is-right-for-me/</a></p>	<p><b>Agenda:</b></p> <ul style="list-style-type: none"> <li>• Warm-up (5 minutes)</li> <li>• Activity (100 minutes)</li> <li>• Wrap-up &amp; Assessment (5 minutes)</li> </ul>
<p><b>Vocabulary:</b></p> <ul style="list-style-type: none"> <li>• stereotype</li> </ul>		
<p><b>Assessment:</b></p> <ul style="list-style-type: none"> <li>• Complete Viewing Guide</li> <li>• Group discussion</li> <li>• Exit Ticket</li> </ul>		

## Teaching Guide

### Warm-up / Intro (5 minutes)

1. Prepare all materials and have the documentary ready to show. Determine whether to watch in 1 or 2 class periods.
2. Upload viewing guide to LMS or pass out handouts.
3. Review learnings from Lesson 1: Intro to Information Technology.

### Activity (100 minutes)

1. Show the documentary “At Your Fingertips” by RoadTrip Nation. - 60 minutes
2. After watching, students will complete the viewing guide. - 20 minutes
3. After time for reflection and completion of the viewing guide, lead students in a discussion, either small group or whole class discussion.

### Wrap-Up (5 minutes)

The wrap-up can be very short for this lesson. Have a discussion on anything you think students need to review for the day.

Formative Assessment:

- Exit ticket: What did this documentary teach you about the opportunities available within the computer science industry?

### SUCCESS CRITERIA:

- Know the different career opportunities in Computer Science
- Discuss learnings as a whole group or small group