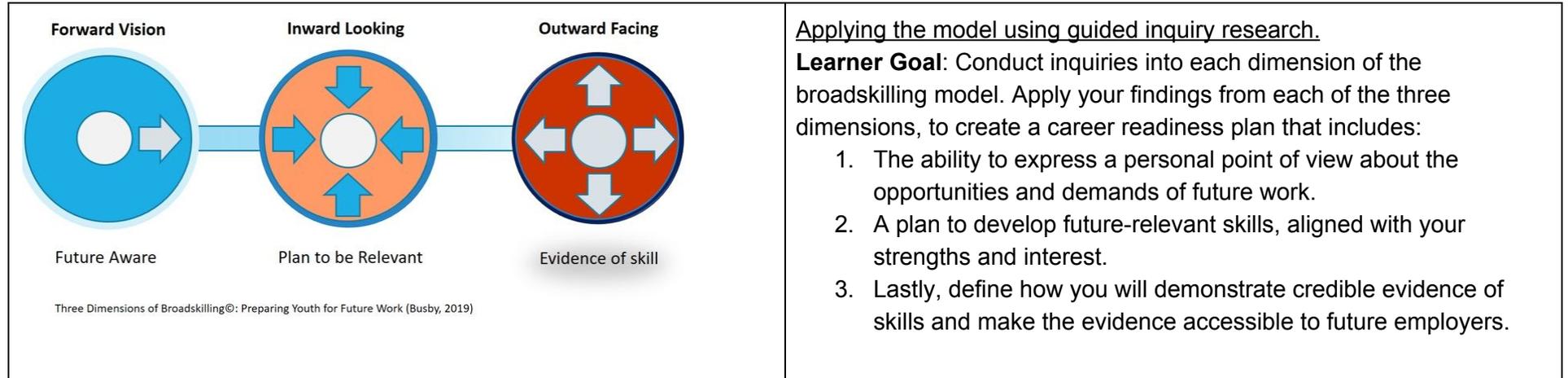


## Broadskilling Activities

### The Broadskilling Model: 3 Dimensions. One Purpose: “Prepare youth for future work”



### Let's Start with Dimension 1 “Forward Vision = Future Aware”

**Inquiry Question:** What technologies, economic forces and other trends are shaping the future of work?

#### **Goal: Conduct research and create a written report describing your**

**Research Report Requirements:** Select a career cluster of interest to you, describe what work is like in your area of interest in 2030. Include in your description how future technology has changed today's jobs in the selected career cluster. What jobs have been replaced. What new roles have emerged? What is the overall economic impact of the changing workforce demographics in your country (aggregate) and your selected career cluster?

Use the research organizer below to guide your work as you respond to the inquiry question for Dimension 1: “Forward Vision = Future Aware”.

## My Inquiry Research Organizer

Student Name:

*Note to Educators: This template is a guided inquiry example with prompts. Remove or insert prompts to adjust the complexity of the research*

Areas of Inquiry	What I learned about each	What I still need to know	What I currently think	Resources I Found
What are the dominant technologies?	Example: Cloud Technologies, Robotics, Augmented Reality	Will robots replace workers?	Cloud technologies reduce the need for companies to install computing equipment onsite.	<ul style="list-style-type: none"><li>• <a href="#">MIT Work of the Future</a></li><li>• <a href="#">The robot report.com</a></li><li>• PWC <a href="#">Workforce of the Future</a></li><li>• Accenture <a href="#">Future Workforce Insights</a></li><li>• Forbes: <a href="#">Is AI Going to Be A Jobs Killer?</a></li></ul>
What are the emerging economic forces?	Example: Multi-national suppliers.	What is the average age of today's skilled workforce? What might this imply for younger workers? What skills are currently and predicted to be in short supply but in high demand?	Example: The current workforce is nearing retirement age. This places more pressure on younger workers to pay taxes to support the economy.	<ul style="list-style-type: none"><li>• <a href="#">Data.census.gov (Population 60 of Older)</a></li><li>• <a href="#">adp.com</a></li></ul>
What the trends in specific industries	Example: Companies want to automate routine work because it is cheaper and more productive (no breaks needed for machines)	How will specific career clusters (Select one of your interest) be impacted? What specific roles will be more or less effected? What skills are in-demand?	Manufacturing and warehouse jobs will be lost due to robots that automate work. However, skilled people will be needed to program and repair the machines.	<ul style="list-style-type: none"><li>• <a href="#">ACTE Career Clusters</a></li><li>• <a href="#">Future Today Institute: 2019 Tech Trends Report</a></li><li>• <a href="#">Will Robots Take my Job?</a></li></ul>