

# Career Preparedness Course Guide



## Introduce

QuantHub supports several standards clusters in the Career Preparedness course offered to all high school students. QuantHub skills correlate to standards in the foundational standards cluster, Personal decision-making, Academic Planning and Career Development, and Digital literacy. QuantHub was originally designed as a workforce development tool utilized by large corporations undergoing digital transformation. QuantHub skills in Data Literacy, Data Wrangling, and Practice Artificial Intelligence support students' as they prepare for their next steps in becoming contributing members of an evolving workforce.

We encourage teachers to introduce students to QuantHub with a meaningful discussion and lesson correlated to the core content in their course. This lesson plan is designed to introduce a pertinent QuantHub skill for the Career Preparedness course: [Ethical, Social, and Economic Impacts of AI within the Workforce](#)

## Educate

QuantHub's goal is to prepare our students for the future of work. Students can prepare for this future by gaining a credential that can be used for their resume. Here are the following [certificates](#) we suggest for clubs

### Introduction to Data Literacy



### Data Wrangling



### Practical AI



## Scavenger Hunts: A whole group discussion tool

QuantHub's adaptive instruction revolves around student's comprehension of rich non-fiction texts, videos, and infographics. Utilize these resources to inspire thoughtful discussions for your club. Students can study the resource within the "Assignment". They will be asked questions to ensure they retain the material. Preview the questions in the preview link. [Learn more about the QuantHub Scavenger Hunt.](#)

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“How does being data literate help you?”

[Resource](#)    [Assignment](#)    [Preview](#)

“Ethical and Social Concerns Related to AI’s Impact on the Workforce”

[Resource](#)    [Assignment](#)    [Preview](#)

“What is a spreadsheet?”

[Resource](#)    [Assignment](#)    [Preview](#)

## Inspire

After students have mastered the skill “A guide to entering an AI-enhanced workforce”, encourage students to research the range of careers available in the fields of artificial intelligence, data science, and machine learning.

Engage students through leaderboard competitions or skill mastery acknowledgement. Students are motivated by friendly competitions between students or between classes/groups. QuantHub awards “neurons” for correct or partially correct answers. Rewards can be as simple as gaining a spotlight on the newsletter or as profound as a leadership position. We recommend that students externalize their skill acquisition by ringing a bell, adding their name to a board, or earning a school-based or activity-based currency.

## Connect

Check out this amazing resource from Alabama Public Television: [American Graduate](#)

Alabama Public Television is proud to partner with schools and businesses to help prepare students with the skill sets and training needed to be part of the new workforce, demonstrating the value of high-demand skilled jobs in Alabama and the many pathways to gainful employment.

Your students are set up for success...now what? We encourage students to apply for our internship program. [Learn more and apply here.](#)