

# Careers in Agriculture

## (9<sup>th</sup> – 12<sup>th</sup> Grade Rotational Version)

### Morning Learning Stations for Students –

#### **STATION 1:** Explore IQhub & Drive Tractor Simulator (Needs 2 Adults)

- (60 min) IQhub Scavenger Hunt (2 students at a time go drive tractor simulator)

#### **STATION 2:** Career Exploration Guest Speakers (Needs 2 Adults)

- (10 min) AgroLiquid Overview
  - o Learn what AgroLiquid does
  - o Understand how important communication and technology are for businesses
- (40 min) Learn about the opportunities in the Agriculture Industry
  - o Discuss what agriculture is all about
  - o Learn how creativity and hard work will send you a long way in any career
  - o Explore a variety of career opportunities in Agriculture
- (10 min) Learn tips for future careers
  - o Explore ways to make a great first impression
  - o Learn ways to start networking

### LUNCH BREAK

### Afternoon Learning Stations for Students –

#### **STATION 3:** Environmental Tour (Needs 2 Adults)

- (25 min) LEED Building Tour inside AgroLiquid Headquarters
  - o Discuss what LEED (Leadership in Energy and Environmental Design) is all about
  - o Explore ways to make businesses and homes more environmentally friendly
  - o Learn how “going green” can make positive impacts on the world
- (20 min) LEED Building Tour of the landscape around AgroLiquid Headquarters
  - o Discuss the importance of native grasses and wetlands around a business
  - o Examine how water and wind erosion decrease with the help of abiotic and biotic factors
  - o Discuss how humans can develop solutions for increasing biodiversity and ecosystem conservation

#### **STATION 4:** Employability Activity (Needs 2 Adults)

- (15 min) Discuss the importance of quality applications, resumes and interviews
- (15 min) Explore the world of applications and resumes
- (15 min) Examine the role you play in a quality interview

## Michigan Learning Standards for today's IQhub visit –

- Science Standards:
  - HS-LS2-1 Carrying Capacity of Ecosystems
  - HS-LS2-7 Human Impact Reduction Solution
  - HS-ESS2-2 Feedback in Earth's Systems
  - HS-ESS3-3 Biodiversity, Natural Resources and Human Sustainability
  - HS-ESS3-4 Reducing Human Impact Design Solutions
  - HS-ESS3-6 Human Impacts on Earth Systems
- Math Standards:
  - HS-S-MD Using Probability to Make Decisions
- Career Preparation for 9<sup>th</sup> – 10<sup>th</sup> Grade:
  - Target 3: Build Knowledge about Careers, Postsecondary, and Employment Opportunities
    - Leadership/Character Education
    - Soft skills/work ethics
- Career Preparation for 11<sup>th</sup> – 12<sup>th</sup> Grade:
  - Target 3: Continue to Build Knowledge about Careers, Education, and Employment Opportunities
    - Business tours
    - Internships
    - Soft skills/work ethics
    - Have local employers visit students to discuss top employability skills
    - Leadership/Character Education

## Possible Careers Discussed in today's IQhub visit –

- Farmer
- Hydrologist
- Meteorologist
- Soil Scientist
- Engineer
- Agronomist
- Environmentalist
- Ecologist
- Architect
- Contractor
- Landscaper
- Entrepreneur