

Careers in Agriculture

(6th – 8th Grade Rotational Version)

Morning Learning Stations for Students –

STATION 1: Explore IQhub & Drive Tractor Simulator (Needs 4 Adults)

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

STATION 2: Career Exploration Lesson (Needs 4 Adults)

- (20 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 the many opportunities in Agriculture
- (15 min) Explore Non-Traditional Agriculture Careers
 - o Review different career options and requirements for those positions
 - o Examine similarities and differences of careers
- (15 min) Present Non-Traditional Agriculture Careers
 - o Students communicate their findings with the group
- (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 4 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 4 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:
 - MS-LS2-1 Effects of Resource Availability
 - MS-LS2-5 Biodiversity and Ecosystem Services Solutions
 - MS-ESS2-4 Cycling of Water Through Earth's Systems
 - MS-ESS3-3 Human Impacts in the Environment
 - MS-ESS3-4 Human Consumption of Natural Resources
- Math Standards:
 - MS-6.SP Statistics and Probability
 - MS-7.SP Statistics and Probability
 - MS-8.SP Statistics and Probability
- Career Awareness for 6th Grade:
 - Target 1: Continue to Introduce Students and Parents to Michigan's Six Career Zones
 - Career Awareness field trips
 - Career awareness through search engine tools
 - Target 3: Engage Students in Career Awareness Activities
 - Identify jobs in a Career Zone; include what is a nontraditional job
 - Basic soft skills/work ethic discussions
- Career Exploration for 7th – 8th Grade:
 - Target 1: Introduce Students and Parents to Michigan's 17 Career Clusters
 - Career awareness through search engine tools
 - Career Specific Exploration Days
 - Target 3: Engage Students in Career Awareness Activities
 - Identify personal traits and characteristics that may later link to career interests
 - Soft skills/work ethics

Possible Careers Discussed in today's IQhub visit –

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