

## **Discovery Days 2022 Sessions**

### **1-Hour Sessions – Youth Choose 2 options – June 1 afternoon**

#### **Developing Teamwork Through Hands-On Learning Within a Classroom**

Throughout our time together, we will be conducting problem-solving games that focus on teamwork and building a trusting environment. Intermixed between activities will be short conversations on how these activities relate to leadership and/or team-building.

#### **Listening to Understand Perspectives: Using Art Discussion to Model Civic Discourse**

Visual Thinking Strategies, a open-ended method for discussing art, serves as a model for the Principles of Civic Discourse. Improve your communication skills and learn the difference between listening to argue a point versus listening to understand multiple perspectives.

#### **Exploring Health Careers**

When you think about health careers, what comes to mind? Doctor? Nurse? This session will explore a wide variety of health careers, including what educational qualifications are required and how students can begin to get experience in fields of interest.

#### **Gray for a Day**

Gray for a Day is a simulation experience that utilizes an empathic approach to educate individuals on age-related sensory and functional challenges that some older adults might face. Participants will get to "gear up" as older adults experience what it may be like to get older.

#### **Geotrooping**

Using GPS technology, participants will decipher clues and participate in a treasure hunt. Using field guides, correctly identifying Kansas plants and animals will lead the treasurer hunters to success. Learning to use a compass will also be explored.

#### **Preserving Kansas History, Past and Present: Creative Methods to Archive and Record History**

This session invites youth to discover Kansas history at the Chapman Center for Rural Studies! Attendees will take a closer look at our autograph albums, real-life artifacts that document the lives of women in 19th century Kansas. Using these albums as a jumping-off point, attendees will create their own mini autograph albums, imagining life through a past historical lens.

#### **Unlock Ag Innovations**

Unlock the secrets of agricultural innovation in this escape room challenge! By the year 2050, it is estimated that the world population will exceed nine billion people. That would mean an increase in

food production by 60%. Join us to learn how farmers are using innovation and technology to insure a safe, sustainable food source for the future for our communities, our country and our world.

### **Your Gift: Inspiration and Entrepreneurship**

During this session, students will be able to identify their "gift" and explore how to turn something they do well, with the least amount of effort into a business! We will discuss different start-up ideas, innovation, and the entrepreneurial mindset.

### **Making Japanese Friends**

In this session, two Japanese High School students, who attended schools in Kansas as 4-H Academic Year Program (AYP) Exchange students, will share their experiences as teens in two different home areas. Hiyori near Tokyo, one of the worlds largest cities, and Sayo in a rural area in northern Japan affected by the tsunami and resulting in nuclear disaster. The students will teach about their lifestyles at school and in their home communities, as well as typical foods, leisure activities, clothing, language and crafts through a PowerPoint presentation, demonstrations, and hands-on group activities.

### **FACS Related Occupations**

Do you think a career in Family Consumer Science sounds boring? Think again! Family Consumer Science subject matter effects every aspect of your life; whether you realize it or not! Students will take a "Discover Your Interests" survey to personalize what career pathway in FCS fits your personality. Learn more about career choices in the field as well as important questions to think about when choosing the correct path for your future.

### **Engineering Related Occupations**

Are you thinking that engineering may be the path to your career? Come learn about possible college and career paths from those who are living it.

### **Clovia House Tour**

In this session, girls can learn about the options available to those looking to live in Clovia House. The connections, culture, and comradery of living in this amazing home away from home.

### **Leadership Studies Session**

Explore leadership by further developing your self-awareness as someone who can exercise leadership. Explore your personality, interest, strengths, weaknesses and skills that you bring to the teams you belong to and learn now your knowledge of self and group dynamics can effect progress on issues you care about.

### **Kansas Agricultural Careers**

There is a bright future in Kansas Agriculture. Learn from and engage with leaders from the Kansas agricultural industry. Does a career where you can make a difference and help to feed the world sound amazing? This track will not only explore opportunities but will focus on things you can do now to prepare for your future career.

## **Full Day Session – Youth select one session – June 2<sup>nd</sup>**

### **Diversity, Equity Inclusion and Belonging toolkit for creating change**

We will begin with an introduction to what DEIB is and the context it has in the workplace. We will continue with the importance of that being included in business and action steps that can be taken to achieve this. If available, we will take the students on a tour of the Morris Family Multicultural Student Center.

### **Farm to Fashion Mini Camp**

In this hands-on session students will have the opportunity to spin wool fibers into yarn, dye textiles using natural dye processes, and weave a small project on a table top loom.

### **Create and Share with the Hale Library Sunderland Foundation Innovation Lab**

In this workshop you will demonstrate the skills you have learned in 4H by crafting in the Innovation Lab and make a video to demonstrate what you have learned and created. Think of it as a way to show off the skills you develop in 4-H and using the video to recruit more youth to join.

### **Feeding the Future - What Agronomy can do!**

During this day long event in Agronomy, we will be exploring the various aspects that affect our ability to feed the world population in the future. We will be providing hands-on indoor and outdoor activities to look at crops, weeds, range plants, soils, and weather, and how they interact on Feeding the Future.

### **Wetland Wonders**

Wetlands in Kansas? Kansas is home to the largest wetland in the United States - Cheyenne Bottoms. Explore how wetlands are productive ecosystems by comparing samples of plants, animals, soil, and water taken from Cheyenne Bottoms with samples found on campus. Participants will actually get in the water of Campus Creek to test water samples and collect aquatic invertebrates. The day will conclude with a visit to the K-State Insect Zoo.

### **Next Level FCS Adventures**

Get ready to explore the College of Health and Human Sciences to solve various challenges. Youth will demonstrate leadership with family and consumer science skills in this hands-on, exploration session.

### **Wheat: Farm to Mill to Table**

Did you know that our favorite products to eat require different types of wheat and flour? We will investigate how different wheats act when they are milled. Participants will observe the wheat milling process followed by hands-on baking. They will mix, shape, and bake various yeast-raised baked goods that they can take home.

### **Energy & Stability**

Learn from world renowned Kansas State University College of Engineering about college pathways into the fields of Energy and Stability. What classes look like? What career options may be available?

## **Materials & Manufacturing**

Learn from world renowned Kansas State University College of Engineering about college pathways into the fields of Materials and Manufacturing. What classes look like? What career options may be available?

## **Health Sciences Careers and Activities**

There is a bright future in Kansas Agriculture. Learn from and engage with leaders from the Kansas agricultural industry. Does a career where you can make a difference and help to feed the world sound amazing? This track will not only explore opportunities but will focus on things you can do now to prepare for your future career.