

## **Agriculture 30s**

2018-2019 – Semester 1 & 2

**Teacher:** Ms. Spring

**Contact Information:** [aspring@trsd.ca](mailto:aspring@trsd.ca)

**Class Website:** [www.springadventures.weebly.com](http://www.springadventures.weebly.com)

### **Course Overview:**

This course will cover information about agriculture in Manitoba. Agriculture involves many different dimensions and draws upon the knowledge base of a variety of areas. This course will provide us with greater knowledge and understanding of agricultural processes, and will also be useful in providing information related to agricultural career choices. Agriculture 30s will examine historical perspectives of agriculture in the province, as well as present concerns and trends. The past, present, and future of agriculture are an important part of this course as they relate to Manitoba's economy, social and cultural development, consumer habits, and politics.

The course examines the physical and climatic features of Manitoba, the resource base, soil management practices, crop varieties, plant and animal science. Topics will be covered through lectures, class discussions and in-the-field guest speakers, exploration of real life operations and hands on examination of various practices. The four main areas to be covered throughout the course are:

### **Unit 1: Manitoba Agriculture: An Overview**

- History of Agriculture: Where we came from
- Components of agriculture
- Ag related careers
- Resources: Renewable vs. non renewable
- Useful conversions
- Manitoba Physical and Climatic features

### **Unit 2: Soil Science**

- Composition of soils
- Effect on plants & animals
- Soil management practices

### **Unit 3: Plant Science**

- Plant intro
- Classification and basic anatomy
- Growth and reproduction (Germination)
- Varieties in Manitoba
- Plant management

### **Unit 4: Animal Agriculture in Manitoba**

- Types of animals
- It's more than just the meat
- Animal management
- Future planning
- Hybrid farming styles

## Classroom Rules & Expectations:

All members of the classroom will...

1. Commit to making the classroom a safe space. Therefore:
  - a. All members of the classroom will **be respectful of the opinions, ideas, culture**, and overall person of other members of the classroom, whether they agree with them or not.
2. **Respect their classmates' right to learn & work within a school environment.** Therefore:
  - a. There will be no talking during instruction, and no distracting behavior during work time.
3. **Use technology in a relevant and respectful manner.**
  - a. **CELL PHONES-** Students will check their phones into the cell phone hotel when they enter the classroom and will check their phone out at the end of class. If the cell phone is checked out of the hotel without permission during class or has failed to even check into the hotel, the device will be handed into Ms.Spring for the remainder of the school day. If there is a second offense, the device will be handed into the office overnight. Each additional offense after that will add a night to the devices sleepover in the office. (3<sup>rd</sup> offense= 2 nights in the office, 4<sup>th</sup> offense= 3 nights in the office etc)
4. **Come prepared for class** by bringing any tools and materials necessary for class.

## Assessment Guidelines:

- **Assignments** are due at the beginning of class on the predetermined due date.
  - If this is a problem, you are expected to discuss this with me ahead of time.
- **Late assignments** will receive a zero until the assignment is handed in.
  - If assignments are continually handed in late, a parent-teacher-student conference will occur.
  - Once a unit of study has been completed, you may no longer hand in assignments for that unit.
- **Plagiarized assignments** will receive a zero until the assignment is redone and resubmitted, and will warrant a serious discussion with Ms.Spring, your parents, and possibly administration.
- **If you miss a class** or come in late, it is your responsibility to find out what you missed and access the materials.

## Evaluation

This course will be marked out of 4 main areas. These are as follows:

- **Daily Assignments:** Covered in class and consists of class papers, discussions, handouts, online searches etc
- **Research Material:** Research projects and analysis of material/content
- **"In the field" recaps:** Small summaries, write ups, comparisons, "what I learned", and evaluations of field trips or from guest speakers.
- **Final Project:** An end of the year project which will include all the content areas covered.