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| <b>ECOLOGY AND FIELD BIOLOGY 30S</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |  |
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| <b>COURSE DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <p>This course covers the components, characteristics and processes in an ecosystem. It also studies the biotic and abiotic influences, energy flow and structure of an ecosystem. Both terrestrial and aquatic ecology will be examined.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  |
| <b>MATERIALS REQUIRED</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <p>Binder, pen/pencil<br/>All electronic, field and safety equipment will be provided</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |  |
| <b>UNITS OF STUDY</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |
| <ul style="list-style-type: none"> <li>• Introduction to Ecology</li> <li>• Population Ecology</li> <li>• Community Ecology</li> <li>• Ecosystems and the Biosphere</li> <li>• Humans and the Environment</li> </ul> <p>During these learning experiences, students will learn and use standard safety practices during laboratory or field investigations. Students will also make connections to potential careers involving the study of ecology.</p>                                                                                                                                                                                                                                                                                                      |  |
| <b>EVALUATION FORMAT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |  |
| <p>This course is set up so that students are able to complete it independently. All assignments are provided in Google Classroom and posted on Powerschool on the due date assigned so students can self-monitor what assignments they have/have not finished. There will be a due date assigned for each assessment or assignment. In order to help students know where they should be in the course, a "missing" and/or a "0" will be entered when the assignments time frame has passed, however students will still have the opportunity to complete these assignments. <b>Students' time management is essential.</b> Reminders will be given frequently and students will be provided with printouts of their progress to help keep them on track.</p> |  |
| <b>ASSESSMENT GUIDELINES</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  |
| <ul style="list-style-type: none"> <li>• All assignments are listed on PowerSchool so students can self-monitor what assignments are</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |

completed and what assignments are missing. Assignments that past due will be entered as a "Zero" on PowerSchool, however students can still complete the assignments with no penalty.

- Choice Assignments will be worth 20% of your final grade. This will be an opportunity for students to decide what type of learning experience they would prefer to do. There are many options that fit many different learning styles. Ideas will be provided, but students can also make their own suggestions of what might interest them.
- Assignments are marked as finished and recorded in Powerschool.
- Mark breakdown:

|                                                                                              |     |
|----------------------------------------------------------------------------------------------|-----|
| Tests/Quizzes                                                                                | 30% |
| Rich Performance Tasks (Assignments)                                                         | 30% |
| Learning Experiences (Hands on Classroom Activities/Videos/Course specific Field Trips etc.) | 20% |
| Choice Assignments                                                                           | 20% |

If you are not happy with your mark, ask me what you can do to improve it.

## LEARNING BEHAVIOURS

Students will be required to use their class time effectively to complete their assignments and learning tasks. Students are expected to exhibit the appropriate level of respect for the facilities, tools, and equipment.

|                                  |                                                                                                                                                    |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Personal management skills       | Uses class time effectively; works independently; completes homework and assignments on time                                                       |
| Active participation in learning | Participates in class activities; self-assesses; sets learning goals                                                                               |
| Social responsibility            | Works well with others; resolves conflicts appropriately; respects self, others, and the environment; contributes in a positive way to communities |

## CLASS EXPECTATIONS

The Swan Valley Regional Secondary School Community, which includes staff, parents, and students, has the responsibility to provide and ensure a safe and positive climate for learning. Our [Code of Conduct](#) provides a broad framework of behavioral expectations for students. It is expected that all members of the school community will uphold the underlying beliefs of the school code which include the following:

#### **LEARNING**

At SVRSS, we are focused on the acquisition of knowledge or skills through experience and study. Everything we do is focused on learning opportunities for the members of our school community.

- Come to class ready to work and LEARN
- Technology use is for specific course LEARNING only!
- Participate in field trips and other learning experiences.
- Enjoy your time here; LEARNING is fun if you let it be!

#### **RESPECT**

At SVRSS we are respectful of ourselves, others, and the environment.

#### **RESPONSIBILITY**

At SVRSS we are ready to learn. Students must follow the school code of conduct. We will all accept responsibility for our own choices and actions.

- You are accountable to complete all assignments. Use class time wisely.
- If you are unsure of something, ASK for help!
- TALK to me if you have a problem. We can find a solution together.
- Set GOALS for each assignment, subject, and class.

#### **SAFETY**

At SVRSS we make positive choices which keep everyone safe physically and emotionally

- Follow all safety rules and procedures when participating in field trips or hands on learning experiences.
- Wear all safety protection provided and operate all equipment following the safe work procedures.
- Clean up your area when finished (put computer away properly and plug them in, no garbage, food or drink left behind, push in chair).

#### **CLASSROOM PROCEDURES**

- 1) Late – If a student is late to class it is their responsibility to ensure that their Powerschool recording is changed to a late instead of a truant. Please ensure communication happens with the teacher.
- 2) Communication - Students will be set up to use Microsoft Teams as a means of communication. Using this platform, we will be able to chat online or use the call feature. I will also be checking my emails regularly if students and parents prefer to use that method of communication.
- 3) Assignments/Coursework - Will be handed in electronically using the Google Classroom platform in combination with a limited amount of paper assignments.
- 4) Field Trips - Please return permission forms and fees by the indicated due date for each trip. Failure to display appropriate behaviour either in class or on the field trip or too many incomplete assignments might limit the student from attending the trip.
- 5) Website –

(<https://sites.google.com/svsd.ca/svrssenvironmentalmanagement/home>)

This site contains course specific information as well as general information about the Environmental Management program.

- 6) Food - Please be respectful and clean up your space after eating. Bring a water bottle to limit time out of the classroom. NO FOOD AT COMPUTERS OR CHROMEBOOKS.
- 7) Leaving the class – Please Ask permission before you leave. I am accountable for your whereabouts during this class and need to know who is out of the room at all times. Be sure to sign the record sheet at the front of the classroom before leaving.
- 8) No student will be required to drive to pick up materials or classroom supplies.
- 9) Follow the [SVRSS policies](#) for absences and school appropriate dress.

#### **DIGITAL CITIZENSHIP**

1. Cell phone use is not permitted during instructional time. Students will be required to keep their phones silenced and out of sight during class time (kept in their locker/pocket/binder/backpack etc.). Failure to comply will result in phone calls home as well as administration involvement. Should ongoing abuse persist students would be in direct contradiction of the [SVRSS Code of Conduct](#), and appropriate consequences will be imposed after discussions with administration.
2. We will try to go “paperless” as much as possible, therefore we will be using the Chromebooks/Streambooks to complete and submit assignments. SVSD devices will be provided for assignment completion and personal devices should not be used. There may be specific assignments that require students to use a specific app etc., but teacher permission will be provided in those circumstances.

*“The greatest threat to our planet is the belief that someone else will save it”*

*Robert Swan*

*We all have to do our part to protect our natural resources. You are the future, and you will be making decisions that can greatly affect our environment. Hopefully through this course you gain an understanding and appreciation for the environment and the importance of protecting it!*