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|-----------------------|----------------------------------------------|
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| <b>APPLIED RESOURCE MANAGEMENT 40S</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |     |                      |     |                                      |     |
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| <b>COURSE DESCRIPTION</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |     |                      |     |                                      |     |
| <p>Students will have the opportunity to develop their understanding about food security and sustainability by learning and working in the Growcer. The Growcer is a hydroponic 10' x 40', modular vertical farm located on our school property that grows many different varieties of leafy greens. Students will be required to sow the seeds, transplant and harvest the produce on a weekly basis, and they will be involved with the cleaning, maintenance and monitoring of the plants during the growth cycle. The focus will be on applying their knowledge to grow healthy greens to feed our school community.</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>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |     |                      |     |                                      |     |
| <p>This course will consist primarily of daily hands on work in the Growcer. Training will be provided for each specific task and the students will be responsible for following those instructions. As students become more confident, they will be giving instruction and training less experienced students.</p> <ol style="list-style-type: none"> <li>1. Safety and Operation of equipment in the Growcer</li> <li>2. Seeding and Transplanting</li> <li>3. Maintenance and Monitoring</li> <li>4. Cleaning and Harvest processing</li> </ol>                                                                                                   |     |                      |     |                                      |     |
| <b>EVALUATION FORMAT</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |     |                      |     |                                      |     |
| <p>Students will be evaluated by:</p> <table> <tr> <td>Active Participation</td><td>50%</td></tr> <tr> <td>Rich Performance Tasks (Assignments)</td><td>50%</td></tr> </table> <p>Monitoring and encouraging use of all nine <a href="#">Essential Skills</a>, (Numeracy, Oral Communication, Working with Others, Continuous Learning, Reading Text, Writing, Thinking, Document Use, Digital), will be a priority. They are the foundational skills students will use to perform work tasks and the building blocks to learning new skills. It is important for students to have the appropriate levels of Essential Skills for the workplace.</p> |     | Active Participation | 50% | Rich Performance Tasks (Assignments) | 50% |
| Active Participation                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50% |                      |     |                                      |     |
| Rich Performance Tasks (Assignments)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 50% |                      |     |                                      |     |

## 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/svscd.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.
- 7) Backpacks – please leave them in your lockers. This is a school procedure and can be a safety concern, so there is no need to have backpacks in the classroom unless we are going on a field trip.
- 8) 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.
- 9) No student will be required to drive to pick up materials or classroom supplies.
- 10) 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 encouraged to leave their phones in their lockers, but if they do bring them, boxes will be placed on each individual table in the classroom and students will be required to put their cell phones in those boxes when they arrive to class. If the teacher, EA or substitute observes that a student's phone is interrupting their learning, then it may be taken to the office for the remainder of the block. 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. This course is set up to be completed independently, so therefore we will be using the

laptop computers 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 growing plants and the importance of food security and sustainability.*