



TEACHER: A. Hallihan

COURSE DESCRIPTION:

There are three main subject areas in Middle School Technology...

1. **Coding:** Often known as programming, this study area is recognized as strengthening logical thinking and problem solving skills. Programming is often seen as the mysterious side of technology usage. However, modern platforms have made entry level programming user friendly and well adapted for the technology classroom.
2. **Computer Operations:** From the basic creation of folders and saving work to creating multimedia presentations and the operation of modern technologies, it is expected that the modern student should be able to use digital technologies with fluency. Although no schools have access to all the imaginable technology, we want our students to have an open mind when it comes to adopting new technologies.
3. **Project Work:** Essential to the development of any student is the process by which projects are proposed, designed, completed, and assessed. Considering the facility differences in New Brunswick schools these projects can range from wood shop to culinary technology, from creating prototypes to working with fabric. Here at Blackville School, a focus will be using technologies available in our MakerSpace. The essential components of Middle School Technology projects is that students have the opportunity to design, create using their hands and basic tools, experience making mistakes with real materials, measure, problem solve, analyze mistakes, devise solutions, assess their work, and see connections to everyday life in a safe and creative setting.

POWER PLAY EXTENSIONS... Students will have an opportunity to undertake PowerPlay modules during the activity block each week. These modules do require commitment as upon completion students will receive a certification badge. The more badges you complete, the more opportunities you have for events planned throughout the school year. As well, we will be hosting a Christmas Market in December and a Spring Market in May where committed students have an opportunity to showcase their products. We are excited to involve our high school Entrepreneurship students in this learning experience as they will be mentors in this learning journey.

WEBSITE: [HTTPS://WWW.BHSICE.COM/](https://www.bhsice.com/)

WEEKLY SCHEDULE:

Monday	Tuesday	Wednesday	Thursday	Friday
Computer/Software Operations	Design with Entrepreneurial Prototyping		Applications of Code	Exploring Maker Projects

CURRICULAR OUTCOMES:

- Technological Operations & Concepts
- Critical Thinking & Problem-Solving Skills
- Citizenship