

## **R.F. Staples Secondary School**

### **Grade Seven Option Course Descriptions**

**Art** - Art is a great way for students to express their creativity, while learning fundamental skills. We will be creating in a variety of ways including: drawing, painting, sculpting, and exploring several types of art.

**Technology Projects**– Students will use technology to explore and create solutions to everyday problems. Student interest will guide the kind of projects the student will work on. Students will also learn about the many careers related to emerging technologies. Students can choose to use a wide range of technologies to create solutions to their challenges such as 3-D printing, electronics, graphic design software and much more.

**Agriculture**– This is an introductory course into five different sectors in the agriculture industry. The program will allow students to explore the dairy, livestock, poultry, bee and crop sectors in Alberta.

**Lego Robotics** - Students will create, build, problem solve and program robots using Lego NXT and EV3.

**Interactive Science** - Do you like hands-on, inquiry and activity based science? Students will have the chance to explore science, engineering and forensics by investigating open-ended challenges. Students will learn about scientific principles that allow them to learn with more hands on experiences.

**Woods** - Students will be learning introductory wood working skills. They will apply these skills to building a CO2 race car and a small woods project.

**Band** - Band is open to anyone who has a love of music and wants to learn to play a wind or percussion instrument. Students are encouraged to try all of the instruments at the beginning of the year before deciding on what they will play in band. The band program hosts two concerts each year and takes part in music festivals when possible. Field trips to Edmonton and other neighbouring communities occur regularly so that we can continue to learn as audience members as well as performers. Students who join band will develop lasting friendships and a place to call home here at R.F. Staples.