

GRADE 7 - 2020/2021 OPTIONS (Options are subject to change)

COMMUNICATION TECHNOLOGY/ROBOTICS Maximum 35 participants (A – option)

Robotics offers opportunities to learn about project management, computational thinking, design, and problem solving. Students develop their coding and assembly skills while working in groups. They also take on projects in 3D design and media production. Students explore introductory level coding in RobotC, JavaScript or Python, and Scratch. Students learn about hardware and software fundamentals, coding for movement and sensors, variables, and remote control. Throughout the course, we go over concepts in digital citizenship and workstation management.

ENTERPRISE AND INNOVATION Maximum 35 participants (A- option)

Have you ever thought about running and owning your own business? This student directed course will give students the opportunity to work in small groups to create their own companies, survey potential buyers, create business plans, and sell their products; with all profits going to a charity. Students develop confidence by allowing them to direct their own learning, explore their individual talents, interests and abilities; and define and act on their goals.

MUSIC INSTRUMENTAL Maximum 35 participants (B – option)

The Instrumental Band option will develop and explore skills in playing a musical instrument through classroom rehearsal and performance. Students may play any of the following instruments with approval from the director: flute, oboe, clarinet, bass clarinet, alto saxophone, tenor saxophone, baritone saxophone, trumpet, French horn, euphonium, tuba, and percussion. Instruments are available to rent through the District for \$100 for the entire school year. The Junior High Instrumental Music program will offer a high quality and enjoyable music experience for our students as they increase their musical understanding of music theory, sight-reading, listening analysis, and ear training. Our students' talents and understanding of these musical elements will be showcased within the St. Albert community through involvement in workshops, festivals and performances.

RECREATION LEADERSHIP Maximum 35 participants (B – option)

The purpose of this course is to provide students involved in sports with the knowledge, skills and attitudes necessary to understand the factors related to fitness and sports performance. By exposing students to both the theoretical and practical nature of sports, students will be expected to demonstrate outcomes in a variety of areas. These include current training principles, performance evaluation and enhancement, sports nutrition, leadership and personal development through sports participation. Students will become active in the school environment by being role models for other students, volunteering at various events, peer-coaching/teaching activities and final sports analysis

ART Maximum 35 participants (A & B – option)

Through a variety of projects and media grade seven students are introduced to The Elements of Art: Line Shape, Form, Texture and Color. Encouraging participants to value and celebrate their individuality will develop creative problem-solving skills. Students increase their drawing skills by maintaining a sketchbook. Every student enrolled in art will need to purchase a sketchbook. Projects may involve processes such as drawing, pastels, portraiture, painting, cartoon strip development and sculpting.

DRAMA Maximum 35 participants (A & B – option)

The grade 7 Drama program is divided into three disciplines: pantomime, reader's theatre, and script work. The overarching goal of Drama is to encourage appropriate self-expression while also working collaboratively with other students. Students will learn how to move in front of an audience, how to speak in front of an audience, and finally to combine speech and movement into a final stage presentation.