

## **Academic Arts at Beaufort Middle School Course Descriptions**

### **MedTech7 - Design & Modeling:**

Students apply the design process to solve problems and understand and the influence of creativity and innovation in their lives. They work in teams to design a playground and furniture, capturing research and ideas in their engineering notebooks. Using Autodesk design software, students create a virtual image of their designs and produce a portfolio to showcase their innovative solutions.

### **MedTech7 - Automation & Robotics**

Students trace the history, development, and influence of automation and robotics as they learn about mechanical systems, energy transfer, machine automation, and computer control systems. Students use the VEX Robotics® platform to design, build, and program real-world objects such as traffic lights, toll booths, and robotic arms

### **MedTech7- Intro to Health Careers**

This unit provides students with an introduction to many healthcare careers and the safety procedures and interpersonal communication skills required for them. The course will enable students to receive initial exposure to healthcare skills; attitudes applicable to healthcare including the concepts of health, wellness, and preventative care; and responsibilities of today's healthcare provider. Mastery of skills through project-based learning, technical skills practice, and group activities will provide students with an opportunity to decide if they want to continue this course of study in high school and/or at a post-secondary institution. Students will be introduced to the five career pathways developed by the National Consortium on Health Science Education (NCHSE): therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

### **General Music 6-8:**

Basic music skills and performance. Students will be introduced to note spelling, rhythmic notation, and solfege syllables. Performances may be required.

### **Instrumental Music Strings 6-8:**

Beginning instruction in violin, viola, cello and bass.

### **Instrumental Music Band 6-8:**

Classic approach to development of basic skills, knowledge of instruments, proper tone production, scales, and music reading. Some performances may be required.

**Art 6-8:**

Exposure to art history and aesthetic development. Students are exposed to and involved in areas of drawing, painting, crafts, design printmaking and art history

**Drama 6-8:**

This class is designed to introduce students to the world of theatre and prepare students with skills that will help them in the workforce, expand interpersonal and communication skills, heighten understanding of self-concept, expand on individual and group problem solving, and compare and contrast theatre with real life situations. Instructional goals are based on the SC Academic Standards for Visual and Performing Arts which include script writing, acting, designing, directing, researching, connecting, valuing, and responding, and relating to history and culture. Activities include the study of reader's theatre, oral interpretation, improvisation, and the technical and performance elements of theatre, culminating in the performance of a musical theatre production.

**Dance 6-8:**

Modern and creative dance. Emphasizes proper technique and instruction in history and origin of dance forms. Performances may be required.

**Spanish 1 (1 credit) 8<sup>th</sup> Grade only**

High School Unit of Credit. Introduction to the language and culture of the French speaking world. It stresses the development of a working vocabulary and mastery of basic sentence structure and grammatical patterns. High school credit is awarded. Course grade will be included in both high school grade-point-ratio and class rank

**Spanish 7th Exploratory**

Seventh grade students will study Spanish for one or two semesters. Students will learn to speak about themselves and their friends. They will also learn how to talk about the weather, tell time and order food in a café. They will continue their studies about the cultures of Spanish speaking countries. The skills of speaking, listening, reading, and writing are stressed.

**Spanish 6th Exploratory**

Students will study Spanish for one quarter or a semester. They will begin their studies of the Spanish language learning basic conversational vocabulary. They will also learn about the cultures of Spanish speaking countries