

## Q3 Middle School Elective Descriptions

**Yearbook:** We are looking for a hardworking, creative, and driven group of students to help create the yearbook for the entire school! This is a year-long elective, so be ready to commit. We learn about design elements, taking pictures, writing captions, and marketing. (Enrollment limited to 12 students)

**Stop motion** - (must have a personal device to use) For this elective, students will learn what stop motion animation is and practice making short films through a variety of mediums (clay, drawing, people, etc.). Students must have their own device - i.e. phone, tablet, or camera - and sign an agreement regarding the use of this device for the purposes of stop motion.

**Typing:** This typing class aims will help students who wish to enhance their keyboarding skills (i.e. speed and accuracy) to become more efficient typists.

**Woodworking** -Students will design and build a project to work on for the quarter. After choosing a design (previous projects have included: skateboards, mountain bike ramps, tables, headphones, and ornate hiking staffs), students will learn the fundamentals of woodworking, craftsmanship and safety as they work build their project. No previous experience in woodworking is needed. (Enrollment limited to 6 students)

**Watercolor:** Relax and unwind as you experiment with watercolor! To improve our skills, we will watch some videos of watercolor artists. All supplies will be provided.

**Recycling:** Make a change that will last a lifetime! Every day, there are small things that we can do as individuals to help take care of our planet. In Environmental Sustainability and Policy Making, we'll be working to change our school's policies on recycling, sustainability, environmental education, and more! Come prepared with your best ideas to help our school be more "Green". From teaching younger grades, to writing up proposals to present to Dr. Hudson and Mr. Todd, to creating a long lasting legacy at RMAE, we'll do it all in this fun-filled, student-driven elective.

**MathCounts:** Our approach is simple: we make learning math fun. We believe middle school is a critical juncture when a love of math must be encouraged, and a fear of math must be overcome. Our programs build problem solving skills and positive attitudes about math, so students embrace challenges and expand their academic and career opportunities in the future. Students participate in a regional MathCounts competition in the spring.

**Trivia Bowl:** This class is a fun and interactive way for RMAE student to re-enforce subjects they are currently learning in school. Throughout the week, teachers will work together to establish questions related to the subjects being covered in the classroom. Then, students will go head-to-head in a series of fun games, showing their extensive knowledge in subjects like social studies, language arts, math, science, current events, and pop culture.

**Advanced Art Topic:** This elective is for student with a passion for art. *Each student will work independently on a single long-term advanced art project.* Students should have an idea for their long-term project, have patience and perseverance to work on a single project for the entire quarter, and have a strong desire to improve their artistic skills. Projects will need approval by Ms. Pumphrey. Students are welcome to stock art supplies, but will need to provide their own additional supplies if needed. Ms. Pumphrey will act as a facilitator who offers advice and support as needed. Students may continue to work on their linoleum blocks from the previous elective class if desired or may work in other mediums. (Enrollment limited to 15 students)

**Rocketry Elective (add'l cost):** The goal of this elective will be to investigate and experiment with model rockets. We may discuss the early history of rocketry, the era of modern rocketry, rocketry and space science, Newton's laws of motion, basic parts of a model rocket, model rocket design, model rocket construction, pre-launch and launch safety, altitude tracking, launch and recovery of model rockets, or any number of other topics that have to do with rocketry. However, we will mainly be building and launching model rockets. It is up to you! Students will construct and launch rockets from kits or they may design, construct, and launch custom rockets with the instructor's approval. **Students will be responsible for providing their own kits and materials.** Solid fuel engines must fall within the limits that do not require a special launch site license or permit. For safety reasons, the instructor must approve the construction of all rockets before they can be launched. All rockets will be the property of the students. The instructor has launch equipment, you will learn to construct your own, or students may use their own purchased equipment with the instructor's approval. 3...2...1...Lift Off!

**Handbell:** This elective group will learn two songs to accompany the rest of the Middle School students singing. These songs will open the Middle School celebration of the Arts program and be the last piece where we will invite the audience to sing with us. This is a fabulous opportunity to play these beautiful instruments with other students who want more music in their day.

**Sewing:** Whether you are a beginner, or have been sewing for years, this class is for you! We provide fabric, needles, and thread to get you started creating your own sewing masterpieces. We learn the basics of sewing and stitching, then will create whatever your heart desires! In the past, people have made pillows, stuffed animals, tablet cases, and Christmas stockings. If time allows, we will also explore other needle crafts such as embroidery and cross stitching.

**Student Council:** RMAE students will be given the opportunity to develop strong leadership skills among their fellow students by organizing and carrying out school activities and service projects. To accomplish this goal, students will develop a democratic forum, practice good citizenship, establish relations throughout the school, organize and participate in school approved activities, and serve to enhance the overall quality of the school's culture and environment.

**Grilling (add'l cost):** Learn the fine art of cooking on a gas grill while enjoying the company of your Middle School classmates and the awesome view of Bergen Peak. Students determine the weekly menu and choice of Grillin' tunes. Meets once weekly. All students will take turns providing food and food service items for this elective. Historic favorites are: Burgers, BBQ Ribs, BBQ Chicken Legs, Hot Wings, BBQ Smoked Ribs, Brats, and even good ole Hot Dogs. (Enrollment limited to 24 students)

**Helping Others:** This is a great elective choice for those students who enjoy being of service to others. Activities include; reading to the residents of the Elk Run Retirement Community, helping clean around the school and assisting teachers with special projects.

**Preschool:** Students will both plan and implement lessons with students at the TLC of Evergreen preschool. (Enrollment limited to 20 students)

**3D Printing Elective 2019 (Meets for one full semester):** Did you ever have the desire to invent something? How would you create the first prototype? Did you know the astronauts on the International Space Station are able to build replacement parts while in orbit? What is additive manufacturing? Learn how to design and build your own inventions in our Tech Lab using our own 3D Printers. The typical sequence is to progress through the workflow in an orderly manner, which would normally be: Design ->Edit->Slice->Build. Come to 3D Printing and discover how to do it from the master, our community volunteer Mr. Jeff Zepp, owner of American 3-D printing right here in Evergreen!

**Healthy Eating:** Are you interested in learning how to prepare healthy snacks and lunches for optimal focus, learning, and overall health? This class will review macronutrients and micronutrients that are essential for optimal health. Then apply what you've learned about nutrition by planning and preparing a healthy snack for the class.

**Book Club:** Calling all Book Lovers! Join us as we read a book together in class and then have fun discussing it!