

BEADLE MIDDLE SCHOOL
New Student Registration Form
8th Grade



BEADLEBULLDOGS

Required Courses

- | | |
|----------------------|-----------------------------|
| ✓ English 8 | ✓ Physical Education 8 |
| ✓ Science 8 | ✓ Know Your Self (Health 8) |
| ✓ American History 8 | ✓ Academic Seminar 8 |
| ✓ Mathematics | ✓ World Language |

Mathematics

Please indicate the level of mathematics for which your child is currently enrolled or ready to enroll.

_____ **Integrated Math III (8th Grade Math / Pre-Algebra)**

Students will learn to solve multi-step and linear equations and inequalities using rational number operations (pre-algebra applications). They will also study number theory, exponents, square roots, geometric concepts and relationships. Application of real number operations, data representation, and proportions will be extended from Integrated Math II. Justification and application of the Pythagorean Theorem will also be learned.

_____ **Algebra I**

Students will explore linear, quadratic, and exponential equations in depth. They will also study probability concepts as an extension of Integrated Math II and Math III. Algebra I is designed for students who have strong understanding of the basics of arithmetic, demonstrated algebraic readiness, and who understand mathematics in a more abstract form.

_____ **Honors Geometry**

Students will study the properties and applications of geometric figures in two and three dimensions. This includes inductive and deductive thinking skills in problem solving situations as well as transformations, right triangle trigonometry, properties of circles, and perimeter, area, and volume applications. Writing proofs to prove properties of geometric figures is emphasized.

World Language

In 7th grade, students choose a language to study for both 7th and 8th grades. In 8th grade, world language courses are a continuation of the Year 1 curriculum introduced in 7th grade. Please choose a world language.

_____ **French 8**

_____ **Spanish 8**

_____ **German 8**

If you have previously studied a world language, please indicate which language and for how long you have studied it:

World language _____ Time of Study _____

(continued)

Electives

In a typical schedule, there is room for seven elective courses. All courses are offered for one hexter (6 weeks) unless otherwise noted. Course descriptions are included on p. 13-14 of the Middle School Curriculum Handbook.

Rank your preferences 1-7. Mark two additional choices as alternates.

ART

- _____ **Drawing 8**
- _____ **Painting 8**
- _____ **Pottery / Sculpture 8**
- _____ **Printmaking/Fibers 8**

FAMILY & CONSUMER SCIENCE

- _____ **Foods, Nutrition and Family Connections**
- _____ **Integrated Learning Lab 8** (can take up to two hexters)
- _____ **Money Management**

COMPUTER APPLICATIONS

- _____ **Web Design**
- _____ **Graphic Design**
- _____ **Virtual Robotics**

INDUSTRIAL TECHNOLOGY

- _____ **Industrial Technology 8** (can take up to two hexters)

MUSIC (Optional)

Students may choose one, two, or all three music electives. These courses are offered in conjunction with Guided Study Period (e.g. study hall).

- _____ **Band 8**
Instrument you will play in Band: _____
- _____ **Orchestra 8**
Instrument you will play in Orchestra: _____
- _____ **Chorus 8**