

Grades 3, 4  
and 5

# AIRLINE COMMUNITY SCHOOL

The workshop model and learning centers are used frequently in the intermediate classroom to help students become more independent workers and thinkers. A variety of educational games and hands-on manipulatives help engage students and solidify their learning. The "Concrete-Pictorial-Abstract" method is used: starting with the students using objects to gain a basic, clear understanding of the concept, then using pictures to represent the concrete objects, and finally using symbols and words to help students deepen their understanding.

## English Language Arts

**Students in Grades 3, 4, and 5 will...**

Read and comprehend a variety of grade-level literary and informational texts fluently and independently.

Write narrative, opinion, and informational pieces with logically ordered ideas, supported by facts and details.

Use capital letters, ending marks, commas, and quotation marks correctly.

Spell grade-appropriate words correctly and be able to use references as needed.

Research and report orally on a topic; presenting accurate facts, relevant details, and supported opinions.

## Math

**Using Saxon Math and other instructional resources, by the end of Grade 5, students:**

Know all basic facts automatically for addition, subtraction, multiplication, and division through the 10s. ( $10 + 10 = 20$ ,  $20 - 10 = 10$ ,  $10 \times 10 = 100$  and  $100 \div 10 = 10$ )

Understand and use decimals to 100ths in addition, subtraction and multiplication using standard procedures.

$$\begin{array}{r} 37.05 \\ \times \quad 12 \\ \hline \end{array}$$

Use standard procedures for long division of whole numbers up to 4-digit dividends and 2-digit dividers.

Understand and use fractions, decimals, & percents and be able to explain the relationships between these types of numbers.

Solve multistep word problems using addition, subtraction, multiplication, and division.

Use "mental math" to solve basic problems.

Organize, graph, and analyze data finding the median, mean, and outliers.



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### Science:

Every year, students study Earth, Life, and Physical Science. Students use the scientific practices of planning and carrying out investigations, analyzing and interpreting data, accurately measuring, using mathematics and computation, constructing explanations, and communicating information. In order to gain an understanding of broad concepts, specific topics are selected based on student interests. For example, the theme of "dinosaurs" may be used to teach concepts of habitats and ecosystems, plate tectonics, erosion, fossils and fossil fuels, etc.

### Social Studies:

Current events, as appropriate for the intermediate grades, are discussed frequently.

Major emphasis is placed on the study of the United States and its regions, states, capitals, history, and branches of government.

The concepts of geography, land forms, continents, countries, and cultures are applied to different regions of the world with an emphasis on the present time period.

### Additional Opportunities

**Art:** Students participate in art lessons once a week: drawing, painting, and creating while using a variety of materials.

**Dance:** Over an eight week period a visiting dance instructor helps the students explore the dance concepts of space, time, tempo, energy, composition, and form.

**Instrumental Music:** Students in Grades 3 and higher have the opportunity to play a musical instrument. Lessons are provided once a week.

**Physical Education:** Time for recess and outdoor play is provided every day. Students also participate in structured games and activities focused on skills and sportsmanship.

**Sports:** Students in these grades can participate in team sports such as basketball, soccer, cross country, and track.

**Chess:** Chess is encouraged and played in the classroom. Any interested student can participate in after school Chess.

### Parent and Community Involvement

The Airline Community School is a great place to go to school! We are a small PreKindergarten through Grade 8 school located off Route 9 in Aurora, Maine. Our size allows us to provide our students individual attention, while still offering many opportunities found at larger schools. Please consider joining our Parents, Teachers, and Friends (PTF) organization. This group helps raise funds to enhance learning opportunities. Money from concessions and other activities provide art & music supplies, field trips, and special guests.

### Parent Support and Homework

Homework gives students extra practice with topics that are taught in school. Establishing routines and taking responsibility are important life-long skills that should be practiced. Communication with the teacher is encouraged through phone, email, and written notes.