

## Social Studies

- International Week celebration of cultural diversity
- Study of focus country (changes annually): customs, traditions, language, government, economy, etc.
- Geography: use maps of Aberdeen to apply map skills (i.e., cardinal directions, scale, landforms)
- History: Scottish prehistory, Vikings, Stone Age, Iron Age
- Present day: farming and community

## Modern Languages

*In modern language classes, students will:*

- give and follow simple instructions in the target language;
- use and respond to verbal and non-verbal cues/body language;
- answer and ask simple questions in the target language to express feelings and emotions and to exchange opinions and information;
- use basic vocabulary to describe a variety of objects;
- understand the basic ideas of oral messages and short conversations based on simple, familiar, age-appropriate topics;
- engage in role play situations;
- recite nursery rhymes and sing songs in the target language;
- become familiar with some basic expressive forms of the target culture (e.g., songs and stories);
- use vocabulary for a range of topics and themes;
- understand some common cognates in the target and native languages;
- learn that the target language is spoken in diverse areas of the world;
- be exposed to the target culture as appropriate to age level;
- begin to understand that different languages have different grammar rules and pronunciation.

## Physical Education

*Students will have instructional and physical activities in:*

Team and Problem solving activities, basketball, hockey, gymnastics, dance, swimming, badminton, kickball, athletics (track and field), tennis.

## Art

- Recognize, identify, and show an understanding of the sensory elements and organizational principles of design, as well as the expressive qualities of the visual arts.
- Demonstrate and discover the basic use of materials, tools and techniques in order to understand how works of art are produced.
- Explore & discover individual and collective works of art.
- Understand that artists and works of art shape, reflect and play a role in societies, cultures, and civilizations, past and present.

## Information Literacy Skills-Library & Technology

*By the end of 5th grade, students will:*

- Demonstrate creative thinking, construct knowledge, and develop innovative products and processes using a variety of media, including technology.
- Use media (including digital media) to communicate and work collaboratively.
- Apply tools (including digital tools) to gather, evaluate, and use information.
- Use critical thinking skills to plan and conduct research.
- Practice legal and ethical behaviour when using media (including technology).
- Demonstrate a sound understanding of technology concepts, systems, and operations.
- Explore the library and discover which genres and formats they enjoy reading.

## Health and Citizenship

*Students will have instructional activities in:*

- Conflict resolution
- Playground and road/bus safety
- Hand washing and oral health
- Healthy eating and exercise
- Fire safety
- Personal safety
- Friendship, farewells and transitions

## Music

*Students will have age-appropriate instructional/experiential activities in:*

- Performing (voice/instruments), alone and with others, a varied repertoire of music;
- Improvising melodies, variations and accompaniments;
- Composing and arranging music within specified guidelines;
- Reading and notating music;
- Listening to, analyzing, describing, and evaluating music and musical performances;
- Understanding relationships between music, the arts, and disciplines outside the arts;
- Understanding music in relation to history and culture.

## Drama

Based on the three principal tools of an actor (**voice, body and imagination**), drama will offer students a range of theatre arts techniques, aimed at building self-confidence, encouraging effective team building and allowing the student to develop presentation skills through frequent practice in speaking and performing in front of a class.



**THE INTERNATIONAL  
SCHOOL ABERDEEN**

Every Child. Every Opportunity.

# Third Grade

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## **Third Grade**

### **Language Arts**

- Read a variety of fiction and non-fiction materials for different purposes.
- Read aloud, speaking clearly and with expression.
- Read independently, using a variety of reading strategies.
- Demonstrate literal understanding of texts and begin to make inferences.
- Express clear responses to written materials, relating the ideas in them to their own knowledge and experience and to ideas in other materials that they have read.
- Select material that they need from a variety of sources.
- Understand the vocabulary and language structures appropriate for this grade level.
- Use some conventions of written materials (e.g. exclamation marks, quotation marks) to help them understand what they read and to locate information (e.g., table of contents, chapter titles, headings, index, glossary, charts, graphs).
- Communicate ideas and information for specific purposes and to specific audiences.
- Use appropriate prewriting strategies (e.g., drawings, story maps, graphic organizers) to generate and organize ideas with teacher assistance.
- Write pieces that show a growing ability to express their points of view and to reflect on their own experiences.
- Write fully developed paragraphs using proper form (topic sentence, details, concluding sentence).
- Produce pieces of writing using a variety of forms (e.g., personal narratives, persuasive writing, expository writing, poetry).
- Use a range of media to enhance their writing.
- Revise written work, using teacher and peer feedback.
- Edit, publish, and share final drafts.
- Use proper punctuation (e.g., quotation marks and abbreviations), capitalization, and grammar (e.g., subject-verb agreement, verb tenses, irregular plurals).
- Use some materials from other media (e.g., computer clip art) to enhance their writing.
- Use phonics and memorized spelling rules to increase accuracy in spelling.
- Use resources (e.g., dictionary, thesaurus) to expand vocabulary and assist with spelling.
- Use D'Nealian print and cursive script in written work.
- Focus and present information on a single topic, using presentation techniques appropriate for the situation (e.g., eye contact, volume, rate, tone).
- Contribute relevant, appropriate information to discussions, while demonstrating respect for, and understanding of, other participants and their ideas.
- Follow oral instructions consistently.
- Ask questions to clarify meaning or enhance learning.

### **Mathematics**

#### Number Sense and Numeration

- Represent and order numbers to 1000.
- Represent money amounts to £10.
- Decompose and compose three-digit numbers.
- Investigate fractions of a set.
- Count by 1's, 2's, 5's, 10's, 25's, and 100's.
- Add and subtract three-digit numbers in a variety of ways.
- Relate 1-digit multiplication, and division by 1-digit divisors, to real-life situations.

#### Measurement

- Measure distance using kilometres.
- Tell time to the nearest 5 minutes.
- Identify temperature benchmarks.
- Measure perimeter using standard units.
- Measure mass in kilograms and capacity in litres.
- Measure area using grid paper.
- Compare length, mass, and capacity of objects using standard units.
- Relate minutes to hours, hours to days, days to weeks, and weeks to years.

#### Geometry and Spatial Sense

- Use a reference tool to identify right angles and to compare angles with a right angle.
- Classify two-dimensional shapes by geometric properties (number of sides and angles) and three-dimensional figures by geometric properties (number of faces, edges, and vertices).
- Relate different types of quadrilaterals.
- Name prisms and pyramids.
- Identify congruent shapes.
- Describe movement on a grid map and recognize transformations.

#### Patterning and Algebra

- Create and extend growing and shrinking patterns.
- Represent geometric patterns with a number sequence, a number line, and a bar graph.
- Determine the missing numbers in equations involving addition and subtraction of one- and two-digit numbers.
- Investigate the properties of zero and one in multiplication.

#### Data Management and Probability

- Organize objects into categories using two or more attributes.
- Collect and organize categorical and discrete data.
- Read and display data.
- Use vertical and horizontal bar graphs.
- Understand mode.
- Predict the frequency of an outcome.
- Relate fair games to equally likely events.

#### Process Expectations

Problem solving; Reasoning and proving; Reflecting; Selecting tools and computational strategies; Connecting; Representing; Communicating.

### **Science**

#### Water

- Conduct surface-tension experiments.
- Observe and explain the interaction between masses of water at different temperatures and masses of water in liquid and solid states.
- Construct a thermometer to observe that water expands as it warms and contracts as it cools.
- Observe weather by using senses and simple tools.
- Investigate the effect of surface area and air temperature on evaporation, and the effect of temperature on condensation.
- Investigate what happens when water is poured through two earth materials – soil and gravel.
- Design and construct a waterwheel and use it to lift or pull objects.
- Use field techniques to compare how well several soils drain.

#### Structures of Life

- Care for animals and compare their needs.
- Observe crustacean structures and describe their functions in terms of growth, survival, and reproduction. Compare crustacean structures to structures of other animals.
- Analyse and interpret observations of crustacean behaviour.
- Investigate food chain dynamics through a simulation.
- Study skeletal systems using bones, images, and models.

#### Measuring Matter

- Apply the conventions of measurement - accuracy, position, orientation, repetition.
- Use tools to make accurate measurements and represent measurements by using numbers and units; use measurement data to construct explanations.
- Plan a procedure, and apply it to solve a problem.
- Use tables and graphs to organize and display data for analysis.
- Weigh materials to confirm conservation of matter.
- Investigate the relationship between phase change and heating and cooling.
- Make and separate a number of simple mixtures; mix materials to observe solutions and reactions.