



**ASM** | AMERICAN  
SCHOOL  
OF MILAN

Elementary School K-2  
2018-2019 Program of Studies



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# ELEMENTARY SCHOOL PROGRAM K-2

## INTRODUCTION

At the American School of Milan we aim to support the social, emotional and academic development of our students in a safe and welcoming climate that inspires curiosity and confidence to learn. This is guided by our mission statement; “to ensure a modern and rigorous education for international students to excel in the changing world of tomorrow.”

Our learning environment provides our children with both rigor and balance. Children are challenged to develop their abilities in literacy, math and science and to explore their talents through the arts, music and physical education.

The elementary years from early childhood through grade two represent a fundamental time of significant growth where students discover the joy of learning as they begin to solidify concepts and skills. At each grade level, the curriculum identifies specific academic standards that should be met by each child at the end of each school year. To this end, we value a partnership with parents which is essential in developing the full potential of every child.

### **The American School of Milan believes in:**

- › providing students with the skills and knowledge to succeed in an increasingly complex world;
- › a framework that combines an American-style education with the rigor of the International Baccalaureate continuum of International education;
- › developing high academic levels of English language proficiency while respecting the culture and language of Italy, the host country;
- › constantly pursuing excellence in all aspects of the school’s program by providing a well-planned and sequenced curriculum that provides our students with the highest standards of international education;
- › providing ample opportunities for our students to develop intellectual skills, which include information gathering, organization, synthesis, analysis, critical thinking, decision making, problem solving and effective communication;
- › providing the opportunity for our students to pursue excellence in arts and athletics and to experience service to others;
- › an encouraging environment of creativity, curiosity and the spirit of scientific inquiry in mind, body and spirit that will foster a lifelong interest in learning;
- › a solid grounding in the use of modern technology, its applications, potential and limitations;
- › a positive, caring, and safe learning environment that encourages questioning and allows students to step outside their comfort zone;
- › encouraging the development of individual integrity and high ethical standards;
- › encouraging the understanding and acceptance of the dignity and worth of all people;
- › celebrating the cultural diversity among our community of learners.

# ELEMENTARY SCHOOL PROGRAM K-2

## OUR MISSION

The American School of Milan ensures a modern and rigorous education for international students to excel in the changing world of tomorrow.

## ASM VALUES

### Accountability, Respect and Empowerment

#### ACCOUNTABILITY

- › **Academic Excellence** is the result of hard work, academic honesty, and the motivation to achieve
- › **Continuous Improvement** is reflecting, being curious, setting high goals and striving to meet them
- › **Competence** is having the skills, knowledge and confidence to perform independently

#### RESPECT

- › **Cultural Sensitivity** is recognizing one's own background as a means to understand and learn from cultural differences
- › **Balance** between home and work is achieved through organizing time responsibly
- › **Balance** between intellectual, physical and emotional development stems from recognizing one's own talents while securing time to grow in other ways

#### EMPOWERMENT

- › **Character Development** is reflecting on one's actions and beliefs to grow within a community
- › **Creativity** is having the courage to express unique ideas and search for new solutions or questions
- › **Intellectual stimulation** is developing curiosity through engaging ideas, asking questions and thinking critically
- › **Personal growth** is setting goals, developing a plan, and evaluating progress towards success

## ELEMENTARY SCHOOL PROGRAM K-2

### **OVERVIEW OF CURRICULUM**

Our curriculum in all subject areas is based on international standards and learning benchmarks. These standards and benchmarks illustrate what we believe to be the most important concepts, knowledge and skills at each grade level. In Math and Literacy, we have adopted Common Core Curriculum Standards which are recognized by the International Baccalaureate as an effective learning pathway for success in the Diploma Program.

Next Generation Science Standards in grades K-5 provide the framework for the science curriculum. Our ASM Makerspace supports project-based learning and is intended as a STEM lab to provide meaningful and authentic problem solving opportunities.

Throughout the elementary years, starting as early as Kindergarten, children explore the arts, music, physical education, world languages, science, technology and library science. Children also attend Italian for both native and non-native speakers. Native speakers follow the Italian national language curriculum to develop and maintain their Italian. Beginning English speakers are supported by our English language teachers to focus on developing basic language competence.

All children participate in regular guidance lessons through our Social and Emotional Curriculum PATHS® Program (Promoting Alternative Thinking Strategies) Students are instructed on fundamental 'soft' skills that promote cooperation, responsibility and self-regulation as the basis to their social/emotional development. We believe that these are as essential as their academic progress to support their learning.

Students diagnosed with mild to moderate learning needs are provided with targeted support in math, literacy and phonics. Our learning support specialists design lessons with small groups both inside the classroom setting or in additional sessions outside of the class.

### **OVERVIEW OF LITERACY K-2**

#### **ASM LITERACY DEFINITION:**

Language literacy develops over time. This is the ability to understand texts both explicitly and implicitly through listening and reading. Furthermore, it is the ability to express oneself accurately and fluently through speaking and writing.

#### **LITERACY MISSION:**

ASM strives to inspire students to be conscious of the power of language, both as readers, writers, speakers and listeners, and to use language in knowledgeable, thoughtful and ethical ways. Our curriculum is designed to foster compassionate, discerning, and informed global citizens.

# ELEMENTARY SCHOOL PROGRAM K-2

## KINDERGARTEN LITERACY CURRICULUM

### Module 1: Building Routines and Good Habits

#### Reading

- › Follow words from left to right, top to bottom, and page by page
- › Recognize and name all upper and lower case letters of the alphabet
- › Follow words using one to one correspondence in print
- › Ask and answer key details about a text
- › Read own writing
- › Identify characters and major events
- › Demonstrate understanding of spoken words, syllables and sounds (phonemes)
- › With prompting & support, retell familiar stories including key details
- › Describe the relationship between illustrations and the stories in which they appear

#### Writing

- › Choose a topic and brainstorm
- › Plan writing: Think - draw - write
- › Write vowel books

### Module 2: We are Readers and Writers

#### Reading

- › Track words when reading
- › Model patterns in read alouds
- › Isolate and sort beginning sounds
- › Blend sounds to make words

#### Writing

- › Write for 20 minutes
- › Write a story with a beginning, middle and end
- › Write a story with a setting & characters (who & where)
- › Add support through drawing, dictating, and writing including feelings of characters
- › Use a checklist to review setting, characters, words & pictures

### Module 3: Print Strategies & Sight Word Power and How To Books

#### Reading

- › Sight word recognition - weekly check of 10 sight words
- › Guided reading groups: sounding out and using illustrations
- › Use reading strategies to read for meaning: Does it look right?
- › Does it sound right? Does it make sense?
- › Describe relationships between illustration and text
- › Ask and answer questions about unknown words in a text
- › Make predictions
- › Use Seesaw to produce and publish writing

#### Writing

- › Conduct basic revisions
- › Write instructions and cautions
- › Draw, dictate and write to tell a story
- › Add key details
- › Act as an editor to a partner
- › Recall & gather information from experiences, or provided resources to answer questions.
- › Recognize words that rhyme
- › Blends
- › Ending sounds + word families

### Module 4: Reading and writing for a reason

#### Reading

- › Ask and answer questions about unknown words
- › With prompting and support, identify characters, setting and major events in a story
- › Describe connections between two individual events and ideas
- › Begin to identify reasons an author gives to support points in a text
- › Notice basic similarities and differences between two texts on the same topic

#### Writing

- › Add details for support
- › Search for fearless words - descriptive words to enrich writing
- › Concluding statements

### Language by the end of Kindergarten

- › Print many upper and lower case letters
- › Make spaces between words
- › Use frequently occurring nouns and verbs
- › Form regular plural nouns orally by adding /s/ or /es/
- › Understand and use question words, Who, what, where, when, why and how
- › Use the most frequently occurring prepositions (to, from, in, out, off, on, for, of by, with)
- › Capitalize first word in the sentence and the pronoun I
- › Recognize and name end punctuation
- › Write a letter or letters for most consonant and short-vowel sounds
- › Spell simple words phonetically drawing on knowledge of sound-letter relationships
- › With guidance and support from adults, sort common objects into categories (eg. Shapes, foods to gain a sense of concepts the categories represent)

# ELEMENTARY SCHOOL PROGRAM K-2

## FIRST GRADE LITERACY CURRICULUM

### Module 1: Small moments, good habits

#### Reading

- › Mentor texts, read alouds
- › Print concepts
- › Understand word relationships by starting at the beginning of a sentence
- › Read scoops of words with eyes
- › Choral reading to practice fluency
- › Speaking and listening
- › Ask questions, turn & talk
- › Retell, reread, think back to favorite parts

#### Writing

- › Think, write plan
- › Drawing helps writers generate stories
- › Writing narratives which recount two or more appropriately sequenced events
- › Characters can be brought to life by what they say, do and think

### Module 2: Non fiction, learning about the world and writing chapter books

#### Reading

- › Ask and answer questions about key details
- › Identify main topics and what the writer wants the reader to know
- › Use illustrations and labels to understand a text
- › Stop and think: chunk, stretch and crashing words re-reading, cross checking to build fluency
- › Read with feeling and bring read alouds to life
- › Describe connection between two events ideas or pieces of information
- › Distinguish between information from text and illustrations

#### Writing

- › Write informative/explanatory texts to include some facts about the topic
- › With guidance, focus on a topic, respond to questions and suggestions from peers and add details to strengthen writing

### Module 3: Persuasive writing and building fluency, phonics and comprehension

#### Reading

- › Fix up and monitor understanding whilst reading
- › Problem solving tricky words using parts of words that are known
- › Use strategies to understand what is being read to monitor comprehension

#### Writing

- › Write about opinions
- › Learn strategies to persuade
- › Focus on leads and endings
- › Practice reviews using “all you know”
- › Add details with reasons

### Module 4: Realistic Fiction and studying story elements

#### Reading

- › Ask and answer key details
- › Retell familiar stories, include key details and demonstrate understanding of essential message
- › Compare and contrast adventures and experiences of characters in the story
- › Use small moments to create realistic fiction

#### Writing

- › Realistic characters: descriptions and details, dialogue and action
- › Organization: beginning, middle and end and chapters
- › Participate in shared research

### Language by the end of First Grade

- › Print all upper and lower case letters
- › Use common, proper and possessive nouns
- › Use singular and plural nouns with matching verbs in basic sentences (He hops, we hop)
- › Use personal, possessive and indefinite pronouns (eg. I, me, my, they, them, their; anyone, everything)
- › Use verbs to convey a sense of the past, present and future (eg. yesterday I walked home; Today I walk home; Tomorrow, I will walk home)
- › Use frequently occurring adjectives
- › Capitalize dates and names of people
- › Use end punctuation for sentences
- › Use commas in dates and to separate single words in a series
- › Use conventional spelling patterns for words with common spelling patterns

## ELEMENTARY SCHOOL PROGRAM K-2

## SECOND GRADE LITERACY CURRICULUM

Module 1 Growing Reading and writing muscles	Module 2 Exploring non-fiction	Module 3 Opinion writing and understanding characters	Module 4 Reading Detectives and Fiction unit Reading	Module 5 Poetry
<p><b>Reading</b></p> <ul style="list-style-type: none"> <li>› Choose just right books</li> <li>› Read for a minimum of 20 minutes</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>› Plan stories with multiple events</li> <li>› Craft beginnings and endings</li> <li>› Show not tell</li> </ul>	<p><b>Reading</b></p> <ul style="list-style-type: none"> <li>› Text features of informational texts</li> <li>› Text to text connections</li> <li>› Author’s purpose &amp; message</li> <li>› Compare and contrast two texts on the same topic</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>› List expert topics</li> <li>› Organization techniques</li> <li>› Definitions and keywords</li> </ul> <p><b>Speaking and listening</b></p> <ul style="list-style-type: none"> <li>› Discussion rules</li> <li>› Ask for clarification about topics and texts</li> </ul>	<p><b>Reading</b></p> <ul style="list-style-type: none"> <li>› Character traits</li> <li>› Different points of view</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>› Transitions</li> <li>› Organization of argument writing</li> <li>› Writing with the audience in mind</li> <li>› Adding support</li> <li>› Editing skills</li> </ul>	<p><b>Reading</b></p> <ul style="list-style-type: none"> <li>› Make inferences</li> </ul> <p><b>Writing</b></p> <ul style="list-style-type: none"> <li>› Plan and create stories</li> <li>› Create interesting characters with a problem</li> <li>› Sensory details</li> <li>› Organizational structure: beginning, middle and end</li> </ul> <p><b>Speaking and listening</b></p> <ul style="list-style-type: none"> <li>› Use drama to tell a story</li> </ul>	<p><b>Reading &amp; writing</b></p> <ul style="list-style-type: none"> <li>› Know the difference between factual texts and poetry</li> <li>› Identify structure of a poem</li> <li>› Use rhyme and rhythm</li> </ul>
<b>Language by end of second grade</b>				
<ul style="list-style-type: none"> <li>› Use collective nouns (eg. group)</li> <li>› Irregular plural nouns (eg. teeth, feet, children, mice, fish)</li> <li>› Use reflexive pronouns (eg. ourselves, myself,)</li> <li>› Form and use past tense of frequently occurring irregular verbs (sat, hid, told)</li> <li>› Use of adjectives and adverbs</li> <li>› Prepositions, during, beyond, toward</li> <li>› Capitalize holidays, product names, and geographic names</li> <li>› Commas in greetings and closing of letters</li> <li>› Apostrophe to form contractions and frequently occurring possessives</li> <li>› Spelling patterns when writing words eg. cage, badge, boil, boy)</li> <li>› Use reference materials including beginning dictionaries to check correct spellings</li> </ul>				

# ELEMENTARY SCHOOL PROGRAM K-2

## OVERVIEW OF MATH CURRICULUM

**ASM Mathematics definition:** Mathematical literacy is defined as an individual's capacity to identify and understand the role of mathematics in the world, to make well-founded judgments and to use and engage with mathematics in ways that meet the needs of that individual's life as a constructive, concerned and reflective citizen. (OECD, 2009, p.14).

**Math Mission:** Mathematics at ASM balances focused practice in age appropriate content and skills whilst developing the dispositions of perseverance and self-efficacy to apply understanding to unfamiliar and challenging contexts and to ensure that each student reaches their full potential in mathematical literacy at each phase of their mathematical development.

KINDERGARTEN MATH CURRICULUM		
<b>Module 1: <a href="#">Numbers 1 - 10</a></b>	<b>Module 2: <a href="#">Two dimensional and three dimensional shapes</a></b>	<b>Module 3: <a href="#">Comparison of length, weight, capacity and numbers to 10</a></b>
<ul style="list-style-type: none"> <li>› Attributes of Two Related Objects</li> <li>› Classify to Make Categories and Count</li> <li>› Numbers to 5</li> <li>› Concept of zero</li> <li>› One more than</li> <li>› One less than</li> </ul>	<ul style="list-style-type: none"> <li>› Flat shapes</li> <li>› 3D solid shapes</li> <li>› 2D &amp; 3D shapes</li> </ul>	<ul style="list-style-type: none"> <li>› Compare numbers using language of greater than and less than</li> <li>› Compare two objects with a common measurable attribute</li> </ul>
<b>Module 4: <a href="#">Number pairs, addition and subtraction to 10</a></b>	<b>Module 5: <a href="#">Numbers 10-20 and counting to 100</a></b>	
<ul style="list-style-type: none"> <li>› Number bonds</li> <li>› Number pairs &amp; addition to 9</li> <li>› Subtraction of numbers to 9</li> <li>› Number pairs &amp; addition to 12</li> <li>› Subtraction of numbers to 12</li> <li>› Patterns adding 0 &amp; 1</li> </ul>	<ul style="list-style-type: none"> <li>› Count 10 Ones and Some Ones</li> <li>› Compose Numbers 11-20 from 10 Ones and Some Ones;</li> <li>› Represent and Write Teen Numbers</li> <li>› Decompose Numbers 11-20, and Count to Answer "How Many?" Questions in Varied Configurations</li> <li>› Extend the Say Ten and Regular Count Sequence to 100</li> </ul>	

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FIRST GRADE MATH CURRICULUM		
<b>Module 1: <u>Addition &amp; subtraction of numbers to 10</u></b>	<b>Module 2: <u>Introduction to place value through addition &amp; subtraction within 20</u></b>	<b>Module 3: <u>Ordering and comparing length measurements as numbers</u></b>
<ul style="list-style-type: none"> <li>› Represent and solve problems involving addition and subtraction</li> <li>› Understand and apply properties of operations and the relationship between addition and subtraction</li> <li>› Add and subtract within 20</li> <li>› Determine the unknown whole number in an addition or subtraction equation</li> </ul>	<ul style="list-style-type: none"> <li>› Solve word problems and use the commutative and associative properties with three addends</li> <li>› Count on to make ten and then take from ten</li> <li>› Solve addition and subtraction problems to 20 with an unknown part or an unknown whole in different ways</li> </ul>	<ul style="list-style-type: none"> <li>› Compare length directly while considering the importance of aligning endpoints.</li> <li>› Compare length using indirect comparison</li> <li>› Compare with difference unknown problems about lengths of two different objects measured in centimeters</li> <li>› Use data collection to sort and organize</li> </ul>
<b>Module 4: <u>Place value, comparison, addition and subtraction within 40</u></b>	<b>Module 5: <u>Identifying, composing and partitioning shape</u></b>	<b>Module 6: <u>Place value, comparison, addition and subtraction within 100</u></b>
<ul style="list-style-type: none"> <li>› Represent numbers to 40 in multiple ways: groups of tens and ones, fingers, and cubes</li> <li>› Use symbols for greater than (&gt;), less than (&lt;) and = within 40</li> <li>› Use equations to add tens onto a two digit number within 40 (ex. <math>23+10=33</math>)</li> <li>› Subtract multiples of ten from a multiple of ten</li> </ul>	<ul style="list-style-type: none"> <li>› Use attributes such as sides, corners, faces and points to classify both two-dimensional and three-dimensional shapes</li> <li>› Combine shapes to form composite shapes</li> <li>› Explore relationships between parts and wholes of a shape</li> <li>› Name equal parts (halves, fourths or quarters) and wholes</li> <li>› Partition rectangles and circles into 2 or 4 equal parts</li> <li>› Identify when shapes do and do not have equal parts</li> <li>› Tell time to the hour and half hour</li> <li>› Relate halves of a clock face to tell time to the half hour</li> </ul>	<ul style="list-style-type: none"> <li>› Identify and solve various types of word problems with numbers to 120, both counting and performing addition and subtraction</li> <li>› Work with money to solve complex subtraction and addition problems</li> </ul>

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SECOND GRADE MATH CURRICULUM		
<b>Module 1: <a href="#">Sums and differences to 100</a></b>	<b>Module 2: <a href="#">Addition &amp; subtraction of length units</a></b>	<b>Module 3: <a href="#">Place value, counting, comparison of numbers to 1,000</a></b>
<ul style="list-style-type: none"> <li>› Use place value understanding to add and subtract within 1000</li> <li>› Represent and solve problems involving addition and subtraction within 100</li> <li>› Fluently add and subtract within 20</li> </ul>	<ul style="list-style-type: none"> <li>› Use different tools to measure length</li> <li>› Estimate &amp; measure length using cm &amp; meters</li> <li>› Relate addition &amp; subtraction to length</li> </ul>	<ul style="list-style-type: none"> <li>› Build concept of Ten, a Hundred, and a Thousand</li> <li>› Understand Place Value Units of one, ten and a hundred</li> <li>› Three-digit numbers in unit, numeral, expanded and word form base ten numbers within 1,000 with</li> <li>› Money</li> <li>› Comparing two three-digit numbers</li> </ul>
<b>Module 4: <a href="#">Addition &amp; subtraction within 200</a></b>	<b>Module 5: <a href="#">Addition and subtraction within 1000 with word problems to 100</a></b>	<b>Module 6: <a href="#">Foundations of multiplication and division</a></b>
<ul style="list-style-type: none"> <li>› Sums and differences within 100</li> <li>› Strategies for Composing a ten</li> <li>› Strategies for decomposing a ten</li> <li>› Strategies for composing tens and hundreds</li> <li>› Strategies for decomposing tens and hundreds</li> </ul>	<ul style="list-style-type: none"> <li>› Strategies for Adding and Subtracting within 1,000</li> <li>› Strategies for Composing Tens and Hundreds within 1,000</li> <li>› Strategies for Decomposing Tens and Hundreds within 1,000</li> </ul>	<ul style="list-style-type: none"> <li>› Formation of equal groups</li> <li>› Arrays &amp; equal groups</li> <li>› Rectangular Arrays as a Foundation for Multiplication and Division</li> <li>› The Meaning of Even and Odd Numbers</li> </ul>
<b>Module 7: <a href="#">Time, shapes and fractions</a></b>	<b>Module 8: <a href="#">Data and money</a></b>	
<ul style="list-style-type: none"> <li>› Problem Solving with Coins and Bills</li> <li>› Creating and Inch Ruler</li> <li>› Measuring and Estimating Length</li> <li>› Using Customary and Metric Units</li> <li>› Problem Solving with Customary and Metric Units</li> <li>› Displaying Measurement Data</li> </ul>	<ul style="list-style-type: none"> <li>› Attributes of Geometric Shapes</li> <li>› Composite Shapes and Fraction Concepts</li> <li>› Halves, Thirds, and Fourths of Rectangles and Circles</li> <li>› Application of Fractions to tell Time</li> </ul>	

# ELEMENTARY SCHOOL PROGRAM K-2

## UNITS OF INQUIRY

### SCIENCE

Our elementary science curriculum is based on Next Generation Science Standards (NGSS). Students in grades K-2 attend science lessons in the science lab with the science specialist once a week. These lessons provide students with hands on experiments to broaden and deepen their understanding of scientific processes. Science is also supported in the homeroom classroom. For more information, please see the units of inquiry below.

### SOCIAL STUDIES

Some units of inquiry focus on history or geography and are designed to enhance students' understanding of the world around them as well as an appreciation of the past and the present.

KINDERGARTEN UNITS OF INQUIRY	
<b>Human Systems: Communities: Helping Hands</b>	<b>Earth &amp; Space: The Five Senses</b>
<ul style="list-style-type: none"> <li>› Who are the people in our school community that help us learn?</li> <li>› How do we collaborate to form communities that consist of different social structures and elements, which provide for our well-being?</li> </ul>	<ul style="list-style-type: none"> <li>› What are each of our five senses?</li> <li>› How do the senses work together?</li> <li>› How do the senses help us learn?</li> </ul>
<b>Social Studies: Independence Look at What I Can Do</b>	<b>Life Science: Ways to Grow (Lifecycles) and Going Buggy</b>
<ul style="list-style-type: none"> <li>› What do the qualities of independence, nature of self, confidence, risk-taker, cooperation and responsibility look like as we get older?</li> </ul>	<ul style="list-style-type: none"> <li>› What are life cycles and how do they show change?</li> <li>› How do insects grow and change?</li> </ul>
<b>Physical Science: Motions and Forces</b>	
<ul style="list-style-type: none"> <li>› What happens if you push or pull an object harder?</li> </ul>	

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<b>FIRST GRADE UNITS OF INQUIRY</b>	
<b>Human Systems: Communities: Helpers in our Neighborhood</b>	<b>Earth &amp; Space: Seasonal Patterns</b>
<ul style="list-style-type: none"> <li>› Where in your community do you like to eat? Play? Shop?</li> <li>› Who can help you in an emergency?</li> <li>› What do grownups do all day?</li> <li>› What do community helpers do to prepare for their jobs?</li> </ul>	<ul style="list-style-type: none"> <li>› What is the weather like in Fall? Winter? Spring? Summer?</li> <li>› How can you prepare for different kinds of weather?</li> <li>› What is the climate like in other parts of the world? ›</li> <li>› How does the movement and rotation of the earth affect our weather and seasons?</li> </ul>
<b>Physical Science: Waves, Light, and Sound</b>	<b>Global Citizenship: Being a Good Citizen My Rights and Responsibilities</b>
<ul style="list-style-type: none"> <li>› What is light?</li> <li>› How does light help you see?</li> <li>› What are sound and noise waves? Why can you hear them?</li> <li>› How do sound and light go from one place to another?</li> </ul>	<ul style="list-style-type: none"> <li>› What are rights and responsibilities?</li> <li>› How do adults practice good citizenship?</li> <li>› How do children practice good citizenship?</li> <li>› What is a law? A rule? What are manners?</li> <li>› Why is Earth Day celebrated?</li> </ul>
<b>Life Science: Amazing Animals</b>	<b>Social Studies: Celebrations</b>
<ul style="list-style-type: none"> <li>› How do animals use their external parts to help them grow, survive, and meet their needs?</li> <li>› How do young animals learn to survive?</li> <li>› How are offspring like or unlike their parents?</li> <li>› How are some plants and animals alike and what makes them different?</li> </ul>	<ul style="list-style-type: none"> <li>› What do people celebrate around the world?</li> <li>› How are celebrations around the world similar and different?</li> </ul>

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<b>SECOND GRADE UNITS OF INQUIRY</b>	
<b>Human Systems: Host Country, My Country</b>	<b>Earth &amp; Space: Landforms</b>
<ul style="list-style-type: none"> <li>› How does where we come from affect who we are?</li> <li>› How does where we live affect who we are?</li> <li>› How do people interact in the world?</li> </ul>	<ul style="list-style-type: none"> <li>› What are the different kinds of land and bodies of water?</li> <li>› How do land and water change over time?</li> </ul>
<b>Social studies: Basic Human Needs</b>	<b>Life Science: Habitats &amp; Interdependence of Species</b>
<ul style="list-style-type: none"> <li>› What do humans need to survive?</li> <li>› What is the difference between a want and need?</li> <li>› How would your life be different if only your survival needs were met?</li> <li>› As people who have their basic needs met, what can we do to support those who don't? Should you help?</li> </ul>	<ul style="list-style-type: none"> <li>› What is the relationship between plants, animals, and their environment?</li> <li>› Why do living things have certain features?</li> </ul>
<b>Physical Science: Matter and Its Interactions</b>	
<ul style="list-style-type: none"> <li>› Where can you find different states of matter in our world?</li> <li>› What properties can you observe in different kinds of materials?</li> <li>› Do the properties of different materials change when heated or cooled?</li> </ul>	

## ELEMENTARY SCHOOL PROGRAM K-2

### **WORLD LANGUAGES**

#### **ITALIAN FOR NATIVE SPEAKERS AND ITALIAN LANGUAGE B**

Language development is vital in supporting our school's mission. The ability to use and understand language, both written and spoken, is increasingly important in our world. To this end, it is ASM's goal to develop high levels of language proficiency in English language as well as respecting the culture and language of our host country, Italy. Our world language program includes Italian for Native speakers, Italian for beginning students and Italian for intermediate students.

#### **ITALIAN LANGUAGE A - FOR NATIVE SPEAKERS**

Students in Italian A follow the Italian National Curriculum to prepare for the Terza Media in eighth grade. Our Elementary Italian language A program begins in Kindergarten through fifth grade. The focus is on history, geography, and literacy.

#### **ITALIAN LANGUAGE B - AS AN ADDITIONAL LANGUAGE**

Students in Italian B program are non-Italian speakers and may be placed in beginning or intermediate Italian. Students are exposed to basic Italian vocabulary, reading and writing as well as developing an appreciation of the Italian culture and its customs.

#### **ENGLISH LANGUAGE LEARNERS (ELL)**

English is the primary language of instruction at ASM and as such we value the importance of developing literacy in English at an early age. Students from first to fifth grade will be tested using the WIDA English assessment tool, which determines the child's English language level. Student may be eligible to receive English language support through our English Language Specialist. Beginning English speakers will receive additional support in small groups as well as in-class support. In addition to this, we offer an after school English club to reinforce English for beginners. Students enrolled in beginning ELL will not be eligible for Italian Language B as they will attend ELL classes for language learning.

## ELEMENTARY SCHOOL PROGRAM K-2

### **ADDITIONAL SPECIALIZED PROGRAMS**

#### **TECHNOLOGY**

The elementary technology program is embedded into the regular classroom instruction. The focus is for students to use technology as a resource to connect to the curriculum in meaningful ways. Every classroom is equipped with Ipads and targeted software to enhance learning. Through classroom lessons, students explore a variety of digital media and express ideas through the creation of digital products. Students learn to become more proficient with various programs and applications as they progress through the elementary grades. They will regularly use See Saw, a digital portfolio to provide parents with updates on their progress.

#### **THE MAKERSPACE**

A makerspace can be defined as “A space designed and dedicated to hands-on creativity, allowing students to actually make some kind of physical or digital product.” John Spencer.

By becoming familiar with the design cycle and engaging in problem based learning, students develop an understanding of engineering and technology through Makerspace activities. Teachers collaborate with the technology and science specialists to integrate curricular content that extends learning into STEM (Science, Technology, Engineering and Mathematics) areas.

#### **MUSIC**

Students in grades K-2 attend general music once a week where they explore rhythm, sound and various genres of music. They prepare for two concerts, one in the winter and one in the spring where they perform to showcase their work. Once a week, students in second grade are introduced to violin instruction. School violins are provided.

#### **ART**

Students in grades K-2 investigate and explore materials, techniques and artistic processes. They observe and discuss the works of famous artists and study historical periods and artistic styles as they begin to develop a language for speaking about art and sharing their ideas in a meaningful way. The elements of art are introduced to the students which includes color, line, balance, value, shape, space and form through a variety of projects throughout the year.

#### **PHYSICAL EDUCATION**

Through our Physical Education program, students in grades K-2 acquire sports, and life skills such as cooperation, sportsmanship and responsibility. They engage in activities that build gross motor skills such as hopping, skipping, galloping, and leaping, all while having fun and developing their physical awareness and well being.

#### **LIBRARY**

Weekly library lessons focus on storytime, building early literacy skills, library use and book care while developing an appreciation for reading.

## ELEMENTARY SCHOOL PROGRAM K-2

### THE SOCIAL CURRICULUM

Our social curriculum program helps children learn the skills they need to manage their relationships with each other as well as with the adults in their lives. Our elementary guidance counselor visits each classroom bi-monthly to introduce children to social skills through the **PATHS® curriculum** (Promoting Alternative Thinking Strategies) which is a comprehensive program that promotes emotional and social competencies.

To help integrate the ASM Social Curriculum, our teachers implement Responsive Classroom strategies into their daily classroom activities. This program combines students' academic achievement with the development of social skills. Our students begin their day with a 'Morning Meeting' as a way to build classroom community and a positive climate for learning. We believe that developing fundamental learning dispositions such as cooperation, assertion, responsibility, empathy and self-regulation are fundamental for growth.

### ASSESSMENT

Assessment in K-2 is conducted through individual student testing, and guided by grade level standards. Teachers regularly assess student progress by:

- Identifying what and how the student is thinking and learning;
- Analyzing the achievements of the student and identifying areas for improvement
- Setting goals for learning and reflecting on strengths and weaknesses

### REPORTING

Parent teacher conferences are held twice a year, first in the fall and then again in the spring. Conferences are valuable moments for parents to meet with their child's teachers. This is also an opportunity for teachers to share academic, social and emotional strengths and goals and for parents to gain an understanding of how best they can support learning.

In January and June, families receive official student report documents which provide feedback on progress of grade level standards, as well as on students' attitudes to learning and social skills.

Parents will also be able to monitor their child's progress regularly in all areas of their learning such as reading, writing and math through, Seesaw, a digital portfolio platform. In addition, work will be sent home each week in the Friday folder.

## ELEMENTARY SCHOOL PROGRAM K-2

### HOMEWORK

Homework is structured to review and reflect learning that is ongoing in the classroom, and to prepare students for the next day's lesson. Homework is usually assigned on a weekly basis in the areas of reading, math and writing. Additional projects such as research, presentations, and topics related to science or units of inquiry may be assigned. Italian A students (native speakers) will receive additional weekly homework. Homework is assigned as developmentally appropriate for each grade and **in general** will correspond to the following: (first grade = 10 minutes, second grade = 20 minutes, third grade = 30 minutes, etc). That said, at times there will be variations and each child is different and may take more time or less time than our school's recommendations.

### LEARNING SUPPORT AND LEARNING INTERVENTIONS

Our primary goal is to support the individual needs of all of our students in a safe, caring and dynamic environment that encourages each child to grow and mature academically, socially, emotionally and physically. ASM supports students with mild to moderate learning needs who have a documented diagnosis.

We also offer early reading support using the Wilson Reading Intervention Program. Student learning is supported by our learning specialists who work in small groups, or with individuals to target each child's specific areas of need.