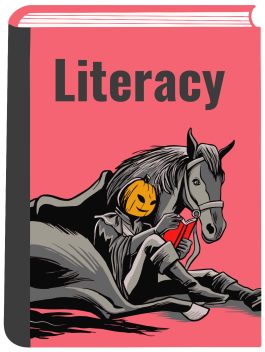
Overview of Third Grade Learning Goals

Washington Irving Intermediate School

Our 3-5 curriculum builds on the foundational skills and dispositions of our **Portrait of a Learner.** Through more complex and challenging activities, we continue to enhance communication, executive functioning, creativity, and critical thinking. Students are encouraged to explore their curiosity, persevere through obstacles, develop socio-cultural competence, and engage in civic-minded projects. This approach ensures they grow into thoughtful, innovative, and responsible individuals, well-prepared for future academic and personal success.

Literacy



Oral Language — Students enhance oral language skills through read-alouds, discussions, partner reading, story retelling, role-playing, book talks, and writing workshops.

Phonological Awareness — Students advance their phonemic awareness skills through intricate sound manipulation and segmentation. They segment words into individual phonemes, manipulate sounds to create new words, and blend phonemes.

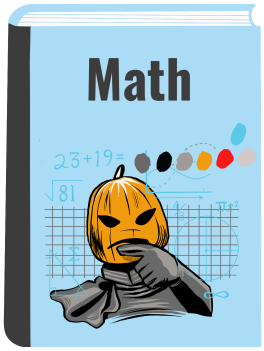
Phonics — Students master multisyllabic words, learning to decode and encode complex words by identifying vowel sounds, syllable types, and division patterns while exploring advanced phonics rules, including vowel teams, diphthongs, and variant vowel sounds. Students analyze prefixes, suffixes, roots, and base words to expand vocabulary and deepen word recognition.

Vocabulary — Students develop vocabulary skills across genres through a multifaceted approach to enriching their word knowledge and usage. Context clues are emphasized for inferring word meanings, and vocabulary instruction is explicit, introducing new words through definitions, examples, and contextual usage.

Fluency — Students develop fluency in reading and writing through explicit instruction on decoding strategies, expression, and comprehension skills. They are guided through the writing process, learning sentence structure, vocabulary, and organizational techniques, with modeling, guided practice, and application.

Comprehension — Students identify main ideas, supporting details, analyze text structures, make inferences, and draw conclusions supported by evidence. In writing, students organize ideas effectively, support arguments with evidence, and engage in revising and editing for clarity and coherence.

Mathematics



Students gain a comprehensive understanding of **multiplication and division**, using strategies and recognizing patterns to enhance fluency within 100. They will grasp the connection between multiplication and addition, particularly in the context of **area**. **Representing and interpreting data** through graphs and charts will sharpen analytical skills, while applying properties to addition and subtraction will streamline **problem-solving**. Additionally, fluency in **adding and subtracting within 1,000** and **understanding fractions** as numbers are focal points. Students will explore **fraction equivalence and comparison**, along with solving **time, capacity, and mass** problems. **Geometry** will encompass identifying attributes of **two-dimensional shapes**, solving **perimeter** problems, and applying multiplication by multiples of 10.

Science

Forces — Students investigate forces that make things move, exploring pushes, pulls, and how friction can slow things down. Magnets will join the fun as students learn how attraction and repulsion work.

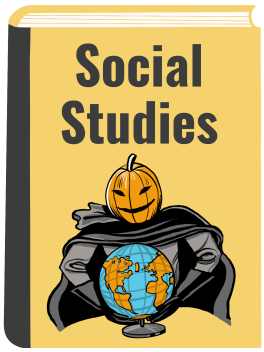
Interdependent Relationships in Ecosystems — Students discover how plants and animals depend on each other and the importance of specific habitats. They also explore how changes can disrupt the balance in an ecosystem and learn how humans can play a role in protecting and preserving these vital environments.

Weather and Climate — Students learn how weather changes daily while climate reflects long-term patterns. Understanding the influence of the sun, wind, and water on weather will be key. They'll even discover how weather impacts our daily lives!

Inheritance and Variation of Traits — Students explore how traits are passed down from parents to offspring but with interesting variations. They'll learn that these variations can help species survive and adapt to changing environments. This diverse curriculum promises to spark a love of science and a deeper understanding of the world around them.

Social Studies

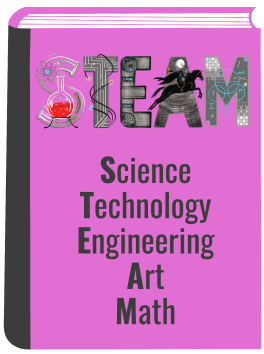
Our curriculum uses essential questions to spark our scholars' curiosity about the world around them. Students will explore the influence of geography, culture, and history on local and global communities.



Why does geography matter? — Students delve deeper into how geography shapes communities by analyzing maps and globes to explore how landforms, resources, and climate impact settlement patterns, transportation, and cultural practices.

How do culture, geography, and history shape a community? How are world communities the same? How are they different? — Students compare and contrast communities worldwide, considering how geography, history, and cultural traditions influence architecture, food, clothing, and celebrations. Research projects on specific communities showcase similarities (family structures, education) and differences (languages, customs).

STEAM & Computer Science



Digital Literacy & Citizenship — Students focus on *digital literacy* skills, such as understanding how computer hardware and software interact and work together. This happens alongside *digital citizenship* skills around the basics of cybersecurity and cryptography.

Computer Science & Robotics — Students explore computer science concepts including developing algorithms and debugging errors. Students apply these skills to program robots through digital and "unplugged" (tech-free) activities.

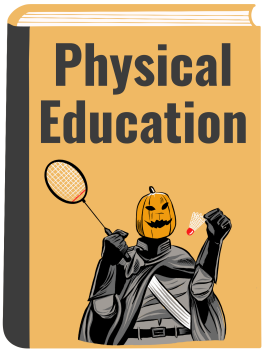
STEM (Science, Technology, Engineering, Math) — Through hands-on activities, students use the engineering design process, applying problem-solving skills to real-world challenges.

Visual & Performing Arts

Art — Students refine their visual arts skills by creating *complex artworks using various materials and techniques.* They analyze artworks in-depth, connect art to personal and cultural contexts, and reflect on artworks to develop critical thinking and appreciation for diverse expressions. Concepts include *print-making and mixed media use.*

Music — Students improve their skills by identifying and describing *complex musical elements like harmony and style*. They perform with increased proficiency and expression, create more sophisticated compositions, and *continue learning about music from diverse cultures.* Integrating music with other subjects enhances their understanding of patterns and literacy.

Physical Education & Health



Motor Skills and Movement Competency – Students develop motor skills and movement patterns through various PE activities using locomotor and non-locomotor skills.

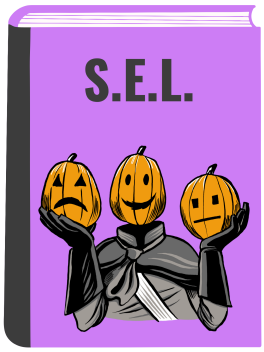
Application of Skills in Physical Activities – Students combine locomotor, non-locomotor, and manipulative skills in physical activities, applying concepts, principles, strategies, and tactics.

Achieving Health-Enhancing Fitness – Students explain skill-related fitness components and demonstrate the ability to achieve and maintain health-enhancing physical activity and fitness.

Responsible Behavior in Physical Activity — Students monitor their behavior by participating responsibly in diverse physical activities and respecting themselves and others.

Recognizing Wellness Benefits — Identifies the link between physical activity and wellness, recognizing its value for overall wellness, enjoyment, challenge, and self-expression.

Social Emotional Learning (SEL)



Growth Mindset & Goal Setting — Students discover that making mistakes is part of learning and use new strategies to persevere through challenges while understanding that practice leads to improvement by changing the brain. They begin to set goals and make plans to reach them.

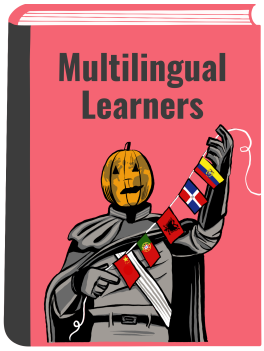
Emotion Management — Students learn to identify and label similar emotions with different intensity levels. They also learn strategies for managing strong emotions, like taking a break.

Empathy and Kindness — Students identify empathy and kindness by analyzing how acts of kindness build/strengthen friendships. They act with empathy by asking questions to identify how a friend is feeling and what they might want/need.

Problem-Solving — Students identify strategies to help them feel calm before solving a problem. They learn to state the problem without blame or name-calling, and state what each person wants or needs. Students also think of solutions and explore outcomes of possible solutions based on what each person wants or needs.

Multilingual Learners

Our language learners focus on the *4+1 language domains* (Reading, Writing, Listening, Speaking, & Metalinguistic awareness). The following are assessed based on the student's English language proficiency level (entering, emerging, transitioning, expanding, commanding).



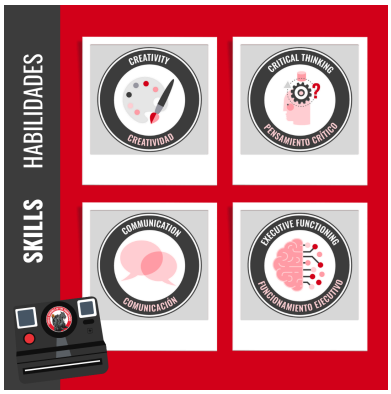
Reading — Students determine the literal or figurative meaning of Tier 1 and some Tier 2 vocabulary in text. Students identify words, phrases, or sentences that signal important individuals, ideas or concepts, events, points of view, and/or the main idea in a text.

Writing — Students can use appropriate language to introduce, develop, link, and complete thoughts and ideas in a written text.

Listening — Students can identify words, phrases, or sentences that signal important individuals, ideas or concepts, events, points of view, and/or the main idea in spoken discourse.

Speaking — Students can use appropriate language to describe or convey relevant details and narrate a story or process in sequence.

Portrait of a Learner



Skills:	Dispositions:
💬 **Communication** — We empower students to express themselves clearly, thoughtfully, and persuasively in written and spoken forms, fostering understanding of diverse perspectives.	🧐 **Curiosity** — We nurture a sense of wonder and inquisitiveness, motivating students to explore, question, and seek answers, propelling personal growth and a love of discovery.
🧠 **Executive Functioning** — Students develop organization, time management, and problem-solving skills to navigate life's challenges and opportunities.	💪 **Perseverance** — Students learn to face adversity with determination and push forward to pursue goals, setting the stage for personal achievement and resilience.
🎨 **Creativity** — We encourage students to think imaginatively, generate innovative ideas, and approach issues from fresh angles, cultivating open-mindedness and adaptability.	🌍 **Socio-Cultural Competence** — Students engage respectfully and effectively with diverse individuals, fostering empathy, inclusivity, and a deeper understanding of global issues.
🤔 **Critical Thinking** — Students will evaluate information, analyze complex situations, and make informed decisions, inspiring intellectual curiosity and a commitment to lifelong learning.	🏛️ **Civic Mindedness** — We cultivate a strong sense of civic responsibility, inspiring students to impact their community and promoting active engagement for the betterment of society.