



# Critical Outcomes

## Grade 3

### Mathematics

#### Number and Operation Strand

The student will...

- Compare whole numbers up to 100,000
- Read, write and represent whole numbers up to 100,000
- Add multi-digit whole numbers
- Subtract multi-digit numbers
- Represent multiplication in various ways
- Represent division in various ways
- Solve real world and mathematical problems using arithmetic
- Write fractions with pictures, models and numbers
- Order and compare fractions

#### Algebra Strand

The student will...

- Use rules to represent patterns and relationships to solve real-world and mathematical problems
- Use number sentences involving multiplication and division basics facts and unknowns to represent and solve real-world and mathematical problems
- Find values for the unknowns in multiplication and division basic facts.

#### Geometry and Measurement Strand

The student will...

- Describe shapes using geometric attributes
- Create shapes using geometric attributes
- Find the perimeter of a polygon by adding the lengths of the sides
- Use tools to measure perimeter to the nearest half unit
- Tell time to the minute
- Determine elapsed time to the nearest minute
- Make change up to one dollar in several different ways
- Determine temperature to the nearest degree in Fahrenheit and Celsius

### Language Arts

#### Reading

The student will...

- Apply multiple reading comprehension strategies to understand fiction and non-fiction
- Identify main idea and supporting details in fiction and non-fiction
- Read a wide variety of fiction and non-fiction materials independently
- Retell/ predict/ infer/compare and contrast/fact and opinion/summarize
- Use a variety of strategies to determine meaning of unknown words
- Read third grade material fluently

#### Writing

The student will...

- Compose a variety of writing pieces, including a narrative, a report and directions (technical writing)
- Spell high-frequency and topic-appropriate words accurately
- Write a complete paragraph with a topic sentence and supporting details
- Use correct capitalization and punctuation in complete sentences
- Write using pre-writing, drafting and revising
- Write using voice, word choice, organization, examples and details
- Write neatly and legibly in cursive

#### Listening

The student will...

- Contribute relevant ideas to group discussions
- Express thoughts clearly and appropriately
- Demonstrate listening comprehension

#### Speaking

The student will...

- Communicate using eye contact, clear articulation, speed, expression, and volume

### Library Media

Progress on these outcomes is assessed and reported as part of a variety of curriculum areas.

#### Reading and Media Literacy

The student will...

- Select, checkout, take care of, and return library materials
- Have multiple exposures to varied literature
- Identify the purpose of a non-print resource and identify sounds and images that are used to enhance or detract from the topic/content
- Create multimedia productions

#### Research

The student will...

- Generate questions based on interests, observations, information or stories
- Gather information from multiple sources to answer a question.
- Organize and interpret the information to draw conclusions and answer the question
- Communicate findings in most appropriate format to answer research questions
- Identify questions related to findings

#### Responsible Use of Information and Technology

The student will...

- Access resources safely and ethically
- Use school resources responsibly
- Use resources to learn both independently and in collaboration with others

#### Technology

The student will...

- Develop basic fluency with specific communication tools
- Record relevant information from resources



# Critical Outcomes

## Grade 3

### Science

The student will...

- Collect, measure, record, interpret, and describe data from nature and the physical world
- Apply the methods of scientific inquiry
- Describe how living things grow, reproduce, and survive
- Understand that energy appears in different forms, including sound and light

### Social Studies

The student will...

- Create a map to locate places
- Demonstrate a working knowledge of the cardinal directions
- Use maps and globes to find and identify locations
- Describe how money is exchanged for resources, goods, and services
- Describe the rights and responsibilities of people living in a democracy

### Health

The student will...

- Demonstrate bus and pedestrian safety.
- Use the skills of conflict resolution to solve problems
- Describe the negative effects of tobacco use

### Physical Education

The student will...

- Continue to develop and display locomotor skills during activities
- Improve physical fitness level as assessed by age-appropriate National Fitness Standards.
- Know which major muscles are affected by specific exercises
- Participate in leisure activities outside of school
- Perform various rhythmic and dance patterns from various cultures
- Understand rules and vocabulary of modified team games
- Catch and throw various objects with opposition
- Demonstrate age-appropriate physical fitness level
- Perform various rhythmic and dance patterns
- Demonstrate cooperative behavior in a group setting

### Music

#### Performs

The student will...

- Perform simple rhythm patterns in 2/4 and 4/4 meter.
- Sing a varied repertoire of songs from memory.
- Sing in a group with accurate pitch and rhythm.
- Sing with accurate pitch and rhythm

#### Creates

The student will...

- Improvise and compose simple rhythms and melodies on classroom instruments and/or voice

#### Reads and Writes

The student will...

- Read and notate rhythm patterns using whole, half, quarter, eighth notes and corresponding rests in 2/4 and 4/4
- Read and notate melodies in the treble clef

### Art

The student will...

- Create original works of art to communicate ideas
- Experience a wide variety of visual art media using the elements of art (e.g., explore marking with drawing instruments such as pencil, crayon, chalk, pastels; experiment with modeling and construction media such as clay, wire, paper maché, etc.)
- Increase awareness of characteristics of visual art from a variety of cultures and historical times
- Demonstrate the elements of value, shape and form
- Demonstrate the principle of pattern

### PYP Spanish

The student will...

- Develop listening, speaking, reading and writing proficiency

### Social Skills

The student will...

- Accept responsibility for own behavior
- Respect and collaborate with others
- Participate in school and classroom communities
- Manage time effectively
- Organize work and belongings