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Science, Technology, Engineering, Entrepreneurship, and Math (STEEM)

Students will be able to:

- use the engineering and design learning process to solve problems
- explain how/why technology evolves and improves
- practice fluent and flexible thinking
- open ended challenges
- Coding Engineers

Instructional Technology

Instructional technology is an integral aspect of all second grade classrooms. Technology is infused seamlessly and across curricular areas. Children will participate in instruction supported by the following tools:

- interactive whiteboards
- document cameras
- laptop and Chromebooks
- Inspire/ virtual labs
- connectED (Everyday Math 4)
- Typing Pal
- Google Suite
- Schoology
- Zoom



Character Education/SEL

Students will be able to:

- continue developing decision-making, communication and life skills
- continue developing an understanding of character values such as respect, optimism, citizenship, kindness, and self-esteem
- continue using positive social skills to foster relationships and implement a coping skill to help them regulate their emotions
- Learn that being a citizen means helping others and being responsible for your actions

PE/Health



Students will be able to:

- know and practice good personal hygiene routines
- demonstrate locomotor skills such as running and skipping
- engage in healthy behaviors and activities- taking walks, mindfulness, brain breaks
- perform yoga and stretching activities to enhance motor skill development.
- combine locomotor movements in self and general space in response to designated beats and rhythms

Art



Students will be able to:

- create a balanced composition
- use a mix of colors to personalize artwork
- create an artwork from another culture
- create an original work of art that evokes an emotion or feeling
- express an idea in 3D form

Music



Students will be able to:

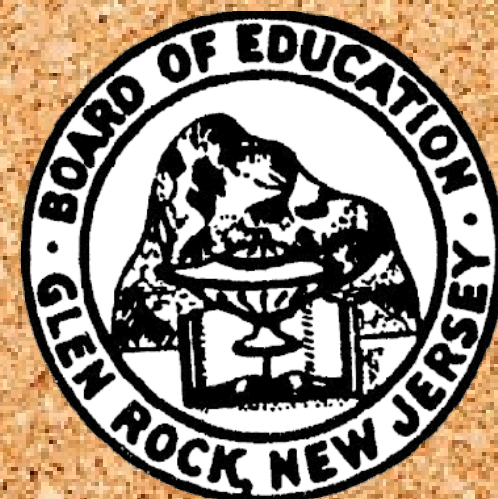
- read, say and play rhythms using half, quarter notes and rests, and paired eighth notes
- explore the elements of music using musical terminology: tempo, dynamics, pitch, melodic direction
- identify simple form in music – same/different sections
- demonstrate expressive qualities in music: staccato, legato, crescendo and decrescendo etc.
- develop a repertoire of age-appropriate music for different seasons, cultures, and celebrations

Media/Information Literacy



Students will be able to:

- search online catalog using author, title, subject and series to locate materials
- identify key words in questions and utilize index to find answers
- credit sources by citing author and title
- read, view and listen to multicultural texts from a variety of genres
- identify biographies and explain how they are organized



Grade 2

Curriculum Expectations
2020-21

Welcome to 2nd Grade!

"You have brains in your head. You have feet in your shoes. You can steer yourself any direction you choose."

-Dr. Seuss

Second grade is a time to continue building foundational skills and growing as a learner. This brochure outlines what your child should be able to do by the end of second grade in the areas of literacy, mathematics, social studies, science, world language, STEEM, instructional technology, character education, physical education/health, art, music and media/informational literacy.

We are looking forward to taking this journey with you and your child!



Mathematics

Students will be able to:

- develop basic skills for fact fluency by finding patterns on the number line and the number grid
- explore addition and subtraction fact families in a variety of formats and work with ten frames
- add and subtract fluently within 20
- learn to solve new kinds of problems, explain their thinking to others using accurate vocabulary, and make sense of other children's thinking
- understand place value through counting, making coin exchanges, reading and writing numbers, comparing numbers as well as adding and subtracting 3-digit numbers
- use metric and U.S. customary measuring tools to estimate, measure and compare different objects
- recognize the value of coins and bills and solve problems involving money
- tell time to the nearest hour, half hour and 5-minutes
- collect, organize, and interpret data with tables and graphs
- recognize, identify, and draw 2-dimensional and 3-dimensional shapes based on the shapes' attributes
- gain foundations for multiplication and division by exploring arrays and equal shares
- partition shapes into equal parts while using fraction vocabulary
- develop financial literacy skills and awareness



Literacy

Students will be able to:

Reading

- strengthen reading habits and stamina through text immersion
- think actively and ask questions while reading
- read and understand a variety of grade-level materials including fiction, non-fiction, folktales, and fairy tales
- read for a variety of purposes (enjoyment, information, and research)
- use a variety of decoding strategies to enhance fluency and accuracy
- demonstrate literal and inferential comprehension in oral and written form
- recognize story elements such as structure, characters, setting, problem and solution
- use reference materials
- identify and use text features to enhance the understanding of key ideas

Writing

- strengthen writing habits and build stamina by participating in the writing process
- use a variety of graphic organizers to facilitate the planning process
- write texts for various audiences and purposes, including narrative, non-narrative, and opinion writing
- generate ideas from personal experiences, stories read, informational text, or imagination
- create an organized writing piece with descriptive feelings and expressions

Language

- write complete sentences using capitalization, punctuation, and appropriate grammar
- use conventional spelling for high frequency words
- use word patterns to spell less frequently encountered words

Listening and Speaking

- express ideas and contribute respectfully to classroom or partner discussions
- listen to and follow multi-step directions



Social Studies

Students will be able to demonstrate an understanding of concepts and participate effectively in discussions and activities in the following areas:

- families today and in the past
- people, places and nature
- government
- people who supply our goods and services
- making a difference
- our American culture



Science

Students will be able to demonstrate an understanding of concepts and participate effectively in discussions and activities in the following areas:

- local landscapes and the land around us
- finding water around the earth
- investigating and testing materials
- living things and their habitats
- the engineering and design learning process



World Language

Students will be able to :

- develop Spanish vocabulary related to parts of the body, food, feelings, weather, the environment, travel and seasons
- develop Spanish reading and writing skills related to family and friends, geography and celebrations
- engage in Spanish cultural activities