



K-12 Academic Community

What Incoming 3rd Graders Need to Know

The following are essential learning and expectations for graduating 2nd graders, as identified by 3rd grade teachers.

Math

- Whole numbers to 1000
- Compare/Order whole numbers to 1000
- Fact fluency with basic addition and subtraction
- Two and 3 dimensional shapes
- Using a ruler to measure
- Money – counting, knowing what the value is, being able to identify the coins, give simple change for a \$1.00
- Time – telling time on an analog clock to the minute, elapsed time, being able to identify the difference between the hands
- Addition – carrying (regrouping)
- Subtraction – borrowing
- Counting by 2s, 3s, 5s, 10s
- Rounding for estimation
- Place Value to the 1000s
- POWER MATH
- Key operation words for addition and subtraction(total, all together, how many more, how much more, how much less, sum, difference...)

Reading

- Blend sounds to make words
- Long/short vowels
- Vowel teams
- Tricky words
- Comprehend the main idea and being able to list details of a story
- Super Six
- Antonyms, Synonyms
- Adjectives and Adverbs
- Prefixes, Suffixes, Root (Base) words
- Nouns, Verbs, Adjectives
- Sequence of events
- Multiple-meaning words
- Following directions
- Compare and Contrast

- Reading within the 2nd-3rd grade text complexity band
- Retell and summarize stories
- Describe how characters respond to events/challenges in a story
- Basic elements of poetry
- Story structure
- Non-fiction text features
- Author's purpose

Writing

- Capitalization and punctuation (beginning and end)
- Capitalizing "I"
- Capitalize proper nouns
- Writing in complete sentences
- Experience with opinion, informative and narrative writing

Science

- Classify objects by color, size, shape, weight, texture, flexibility, strength, material
- Engineering design- identify a need or problem and construct an object to meet the need or solve the problem
- How do engineered or designed items benefit people
- Solids and liquids
- Motion of objects- forward, backward, up, down, etc.
- Push and pull
- gravity
- Seasons and their types of weather - temperature
- Life cycle of plants and animals
- Sort plants into groups based on characteristics and behavior
- Plant needs
- Scientific Investigations
- Write an observation
- Identify objects in space

Social Studies

- Where you live (state, city, etc.)
- Difference between urban, suburban, rural
- Landforms
- Difference between countries and states
- Voting process
- Constitutions
- Rules/responsibilities
- Goal setting
- Cost/benefit of choices
- Natural resources
- Money in exchange for goods
- Map skills
- Locate features on a map
- Calendar skills