



What Incoming 4th Graders Need to Know

The following are essential learnings and expectations for graduating 3rd graders, as identified by 4th grade teachers.

Math

- Add/subtract multi-digit numbers
- Define product/quotient
- Understand key words in real world problems
- Find whole numbers on number lines
- Recognize patterns
- Use protractors and rulers
- Skip count
- Create a graph
- Multiply 1 x1 digit problems
- Identify fractions based on visuals

Reading

- Basic phonics skills
- Read and comprehend a book/passage at a 3rd grade level
- Write a summary for a fiction or nonfiction text at a 3rd grade level
- Define antonym, synonym and homonym
- Use knowledge of basic prefixes, suffixes, and root words to decode a unfamiliar word
- Understand the difference between facts and opinions
- Identify similar ending sounds
- Use context clues to decode a word (prefixes, suffixes, synonyms, antonyms, etc.)
- Identify main ideas and details of a 3rd grade level text
- Use evidence from the text to identify character traits
- Identify the structural elements of a poem (stanzas, line breaks, etc.)

Writing

- Understand when to use past, present, and future tense verbs
- Use transition words to link ideas in writing (next, then, etc.)
- Capitalization and punctuation
- Some pre-fix and suffixes (common- un, dis, ly)
- Plural vs. Singular nouns
- Write a 5 sentence paragraph
- How to indent
- Which way the paper should face (ex: holes on the left)

Science

- Use a ruler, thermometer, scale, etc.
- List items that use energy
- Define property
- Explain what a cycle is
- Identify ways germs are spread
- Make predictions/hypotheses

- Answer questions about data
- Draw a conclusion from data

Social Studies

Identify cities, states, countries and continents

Identify types of bodies of water

Understand that people come from different places and different backgrounds