

# Grade 3

## Foundational Concepts 3.FC

- 1 Locate and use appropriate online tools and resources to explore, research, and collect data on specific topics (e.g., applications, web browsers, and online tutorials).** 3.FC.1
- 2 Communicate key ideas and details collaboratively in a way that informs, persuades, and/or entertains, using digital tools.** 3.FC.2
- 3 Use basic features of digital tools to communicate key ideas and details in a way that informs and/or persuades.** 3.FC.3

## Algorithmic Thinking 3.AT

- 1 Discuss the design process and use digital tools to illustrate potential solutions.** 3.AT.1
- 2 Create an algorithm to solve a problem as a collaborative team.** 3.AT.2
- 3 Identify problems to solve and generate questions for investigations.** 3.AT.3

## Data Analysis 3.DA

- 1 Use data to highlight or propose cause-and-effect relationships, predict outcomes, or communicate an idea.** 3.DA.1
- 2 Describe examples of data sets or databases from everyday life.** 3.DA.2

## Networking and the Internet 3.NI

- 1 Advocate, demonstrate, and routinely practice safe, legal, and responsible use of information and technology.** 3.NI.1
- 2 Conduct basic keyword searches to produce valid, appropriate results, and evaluate results for accuracy, relevance, and appropriateness.** 3.NI.2

## Programming Concepts 3.PC

- 1 Analyze a given list of sub-problems while addressing a larger problem.** 3.PC.1
- 2 Define a problem or task, decompose it into smaller sub-problems.** 3.PC.2
- 3 Use numbers or letters to represent information in another form.** 3.PC.3