

# 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