

# Grades 3, 4, 5

Adopted 2013

## Creativity and Innovation

### **1.1: Demonstrate creative thinking, construct knowledge, and use information and communication technologies to develop innovative products and processes.**

1. Demonstrate different ways to gain knowledge to create products. 3-5.ICT.1.1.1
2. Create original works as a means of personal or group expression incorporating teacher selected resources. 3-5.ICT.1.1.2
3. Interpret models and simulations to explore systems and issues. 3-5.ICT.1.1.3

## Communication and Collaboration

### **2.1: Use digital media and environments to communicate and work collaboratively, to support individual learning, and to contribute to the learning of others.**

1. Illustrate and present ideas using digital media and environments. 3-5.ICT.2.1.1
2. Select an issue and use digital tools and media to present solutions collaboratively. 3-5.ICT.2.1.2

## Research Skills and Critical Thinking

### **3.1: Exercise critical thinking to plan and conduct research using a variety of information resources including print, digital and other sources**

1. Categorize and understand information needs and create research questions to solve an information problem or make an informed decision. 3-5.ICT.3.1.1
2. Select information resources to solve an information problem or make an informed decision. 3-5.ICT.3.1.2
3. Demonstrate navigation skills in accessing information resources. 3-5.ICT.3.1.3
4. Collect and analyze data and information to make decisions, draw conclusions, and create new understanding. 3-5.ICT.3.1.4

## Digital Citizenship

### **4.1: Understand human, cultural, and societal issues related to information and communication technologies and practice legal and ethical behavior.**

1. Describe safe, ethical, and responsible practices in the use of information and technology. 3-5.ICT.4.1.1
2. Identify and cite information and sources in an ethical and responsible manner. 3-5.ICT.4.1.2

## Technology Operations & Concepts

### **5.1: Demonstrate a sound understanding of technology concepts, systems, and operations.**

1. Identify and use technology tools independently such as electronic devices and keyboards. [3-5.ICT.5.1.1](#)
2. Identify and use software applications independently. [3-5.ICT.5.1.2](#)
3. Identify technology tools and software application problems. [3-5.ICT.5.1.3](#)
4. Identify and experiment with new technologies such as hardware, software applications and web-based applications. [3-5.ICT.5.1.4](#)