



## Math Grade 2

### Student-Supplied Resources:

- printer
- disk space on your computer as well as external device to back up your files (flash drive, external hard drive, CD–Rom, etc.)
- cell phone to take photo of student's work or scanner to scan student's work
- Interactive Notebook (three-ring binder)
- pencils
- erasers
- scissors
- crayons and colored pencils
- glue
- tape
- ruler
- printer paper
- multi-colored paper

### Course Materials:

#### Module One

- number cube

#### Module Two

- number chart

#### Module Three

- paper clip
- addition mat
- CUBES checklist

#### Module Four

- number chart
- tens and ones mat
- CUBES checklist

#### Module Six

- CUBES checklist

#### Module Seven

- number cube

#### Module Eight

- CUBES checklist



#### Module Nine

- CUBES checklist
- base-ten blocks

#### Module Ten

- CUBES checklist
- problem-solving mat

#### Module Eleven

- printable ruler

#### Module Twelve

- CUBES checklist
- ruler/tape measure

#### Module Thirteen

- CUBES checklist

#### **Free Downloads:**

- Java
- Windows Media Player
- Apple iTunes



## Social Studies Grade 2

### **Student-Supplied Resources:**

- Printer
- Disk space on your computer as well as external device to back up your files (flash drive, external hard drive, CD–Rom, etc.)
- Cell phone to take photo of student's work or scanner to scan student's work
- Interactive Notebook (three-ring binder)
- Pencils
- Erasers
- Scissors
- Crayons and colored pencils
- Glue
- Tape
- Ruler
- Printer paper
- Multi-colored paper

### **Lesson Specific Materials:**

- Optional: household items

### **Free Downloads:**

- Java
- Windows Media Player
- Apple iTunes



## Technology Grade 2

### Student-Supplied Resources:

- printer
- disk space on your computer as well as external device to back up your files (flash drive, external hard drive, CD-Rom, etc.)
- cell phone to take photo of student's work or scanner to scan student's work
- Interactive Notebook (three-ring binder)
- pencils
- erasers
- scissors
- crayons and colored pencils
- glue
- tape
- ruler
- printer paper
- multi-colored paper

### Module-Specific Materials:

#### *Module One*

- poster paper
- camera or screenshot application
- recording device
- media device

#### *Module Two*

- Media device

#### *Module Four*

- Media device

### Search Engines

- Junior Safe Search
- Kids Click!
- Safe Search
- Kiddle

Office.com Students will need to create an Office.com account. There is no cost associated with creating this account and using the Office Online applications. Students will use different Office Online applications to complete assignments within the course.

- Word Online

### Hour of Code

- Hour Of Code



## Science Grade 2

### Student-Supplied Resources:

- Printer
- Disk space on your computer as well as external device to back up your files (flash drive, external hard drive, CD–Rom, etc.)
- Cell phone to take photo of student's work or scanner to scan student's work
- Science Notebook (three-ring binder)
- Pencils
- Erasers
- Scissors
- Crayons and colored pencils
- Glue
- Tape
- Ruler
- Printer paper
- Multi-colored paper

### Module Specific Materials:

#### Module One

- nearby objects
- empty juice box
- sponge
- magnets
- large bowl
- a plant in soil
- thermometer (in Celsius)
- paper plate
- flat rock
- can of soda (not diet soda)
- a weight (eraser, washer, etc.)
- hollow roll (paper towel or toilet paper roll)
- string

#### Module Two

- blender
- strawberries
- banana
- milk
- yogurt
- balloon
- lid



- solid from the kitchen (apple, banana etc.)
- 2 containers of different sizes
- liquids (oil, water, milk, juice)

#### Module Three

- small measuring container
- medium measuring container
- different shaped containers
- large measuring container
- small bowl

#### Module Four

- different materials
- freezer
- building blocks
- bowls
- round, colorful candies
- plate
- ice cube tray
- measuring tools
- food coloring
- spoon
- drinking cup
- ice
- rock salt
- bottled water

#### Module Five

- local weather forecast
- online weather report (optional)
- an outdoor thermometer in degrees Celsius
- rocks
- pictures of rocks from magazines or online
- animal parts (bugs, bones, shells, nails, etc.)
- containers to hold soil
- nail to make holes
- soil
- paper plate
- soil from your area (garden, backyard, park, etc.)
- hand lens
- coffee can with lid
- masking tape
- dead plant parts (roots, twigs, leaves, bark, etc.)



- measuring cups
- jar
- plastic spoon
- soil from the beach

#### Module Six

- marshmallows
- graham crackers
- craft sticks
- empty plastic water bottle
- one straw
- push pins
- pretzel sticks
- toothpicks
- modeling clay
- aluminum foil
- form of research; website, book, magazine etc.

#### Module Seven

- rocks
- pictures of rocks from magazines or online
- animal parts (bugs, bones, shells, nails, etc.)
- containers to hold soil
- nail to make holes
- soil
- paper plate
- soil from your area (garden, backyard, park, etc.)
- hand lens
- coffee can with lid
- masking tape
- dead plant parts (roots, twigs, leaves, bark, etc.)
- measuring cups
- jar
- plastic spoon
- soil from the beach

#### Module Eight

- large container
- empty plastic bottle
- three pots for soil
- cups for water
- sand/soil
- thermometers



- research materials (website, book, magazine etc.)

#### Module Ten

- two magnetic objects
- two non-metal objects
- cardboard box
- small object attracted to a magnet
- an object that can be pushed and pulled
- three light objects
- three heavier objects
- three objects with a round shape
- object that can be pushed and pulled with small and big force
- object that can be moved with safe open area
- seven wooden craft sticks
- seven rubber bands
- one plastic spoon
- one small ball of playdough (or small eraser)
- safety glasses
- three objects with an irregular shape

#### Module Eleven

- timer
- two balloons
- mystery objects
- blindfold or container for objects
- ziplock bag
- bread
- vinegar

#### Module Twelve

- three seeds
- three pots to plant the seeds in
- soil

#### Module Thirteen

- socks
- shovel
- soil
- several containers for planting
- cardboard
- playdough
- cloths
- pipe cleaners





- styrofoam
- cotton balls
- bird seeds
- paper plate
- four types of dry pasta
- lima beans
- hand lens
- lima beans soaked overnight
- paper towels
- mason jar with lid

**Free Downloads:**

- Java
- Windows Media Player
- Apple iTunes



## Language Arts Grade 2

### Student-Supplied Resources:

- printer
- disk space on your computer as well as external device to back up your files (flash drive, external hard drive, CD-ROM, etc.)
- cell phone to take photo of student's work or scanner to scan student's work
- Interactive Notebook (three-ring binder)
- pencils
- erasers
- scissors
- crayons and colored pencils
- glue
- tape
- ruler
- printer paper
- multi-colored paper

### Module Specific Materials:

#### Module Three:

- book or video
- pictures of characters
- smooth stones
- world map

#### Module Seven:

- dice

#### Module Eight

- dice
- objects for game pieces

#### Module Ten

- paper clip

#### Module Eleven

- dice

### Free Downloads:

- Java
- Windows Media Player
- Apple iTunes