



Summer Bridge™

BRIDGING
GRADES

3^{to}4

EXPLORATIONS

Get ready
for the new
school year with
an engaging
summer!

**Monthly
theme-based
explorations
involve:**

- Math and Language Arts
- Science and Social Studies
- Character Education
- Fitness and Outdoor Learning



Section I Introduction

Theme: Learning in the Neighborhood

This month's explorations can be done close to home. They encourage your child to plan and carry out learning experiences at home, in the yard, and in the neighborhood. Summer, with its more relaxed pace, is a great time for your child to explore the world nearby. Whether searching for insects in the backyard or at the park, attending a farmers' market or community festival, or taking a walk around the block, you will find many opportunities to help your child observe and learn.

To build language arts and reading skills this month, suggest that your child write and produce a play, magic show, or talent show to be performed outside for family members and neighbors. Plan a trip to the library to find books that may inspire her. Then, challenge her to write a script, create signs and programs, and use software to add title screens to a video of the event. After the performance, she may wish to send thank-you notes to performers or to audience members. Throughout the process, encourage her to write journal entries reflecting on the experience.

To build math skills this month, use real-life examples from your neighborhood to help your child practice multiplication and division. Ask questions such as these: If each floor of an apartment building has 6 apartments, and there are 5 floors, how many apartments are in the building? If the mail carrier brings 24 pieces of mail and puts the same number in each of 4 mailboxes, how many pieces of mail were put into each mailbox?

Explorations

This month, your child will have a choice of two explorations. He may choose to follow steps for one or both. Review the explorations below with your child and help him make a choice. Emphasize that it is useful to have a path in mind from the start. Then, help your child find and complete the project activities according to his plan. Throughout the section, your child will see the icons shown below on pages that include directions directly related to one of the explorations. Emphasize that breaking a large project into smaller steps helps make it fun and easy to do.



Lemonade Stand

With this exploration, your child will develop math and language arts skills by going into business with a partner to run a lemonade and popcorn stand. Careful planning will be required to gather supplies, set prices, and make a sales goal. Language skills come into play when writing menus, interacting with customers, and negotiating with

SECTION I

partners. Math skills get a workout as your child makes change and calculates profits.

You can help your child with this exploration by providing a start-up loan for the business and by offering guidance as your child makes preparations for the big day of the lemonade sale. Involve your child in shopping for supplies and use the opportunity to practice a variety of math skills: adding prices, determining the number of servings in a package, calculating sales tax, etc. After the sale, challenge your child to answer questions like these: How much profit would you make if you sold 100 cups of lemonade? How much profit would you make if you ran the stand each Saturday for a month? What if you had three partners instead of two?



Protect Your Environment

With this exploration, your child will develop science, math, and language arts skills as she practices good habits at home for conserving natural resources. She will think about all the ways she uses food, water, paper, and electricity, and how to reduce the amount of each resource that is wasted in your home. Practicing these habits will lead to opportunities for research and graphing results. Finally, your child will identify her most effective habit and develop an advertising slogan to promote it for others.

You can help your child with this exploration by helping her develop good habits. Share with your child the rule of thumb that it takes 14 days of practicing a behavior before it becomes a habit. If your child is trying to turn off the bathroom faucet each time she brushes her teeth, reward her with a sticker or other token each time she does it until she collects 14. Help her conduct Internet research to determine the amount of water she saved through her good habit. Then, celebrate with a picnic near a local lake.

Learning Activities

Practice pages for this month review skills your child learned in third grade. They also focus on skills that support the explorations described above. Preview the activities and choose several that target skills your child needs to practice. Also select several relating to the exploration(s) your child plans to complete. You may wish to mark those pages with a star or other symbol to let your child know to begin with those. Then, let your child choose practice activities that interest him and allow him to demonstrate his growing skills.



Lemonade Stand, Step 1

On a hot summer day, nothing tastes better than a cup of cold lemonade! In this exploration, you and a friend will go into business together. You will make lemonade and popcorn to sell to your neighbors and friends. If you plan well, you will earn some money to share.

Imagine what your lemonade stand will look like. Will it have a table? A menu? Decorations? Draw your ideas here.

Now, think about what you will need to set up your stand, prepare treats to sell, and run your business. Read the list of supplies. Check the materials you will need and begin to gather them.

- | | | |
|---|---|--|
| <input type="checkbox"/> table | <input type="checkbox"/> water | <input type="checkbox"/> individual bags for popcorn |
| <input type="checkbox"/> chairs | <input type="checkbox"/> pitcher or thermos | <input type="checkbox"/> money box or pouch |
| <input type="checkbox"/> poster board | <input type="checkbox"/> spoon | <input type="checkbox"/> change (coins and \$1 bills) |
| <input type="checkbox"/> markers | <input type="checkbox"/> ice cubes | <input type="checkbox"/> sales tally sheet (see page 64) |
| <input type="checkbox"/> balloons or other decorations | <input type="checkbox"/> disposable cups | |
| <input type="checkbox"/> lemonade mix or ingredients to make fresh lemonade | <input type="checkbox"/> popcorn and oil | |
| | <input type="checkbox"/> popcorn popper | |

Write the missing form of each irregular verb.

Present	Past	Past with <i>has</i> or <i>have</i>
1. fly	_____	has or have flown
2. tell	told	has or have _____
3. bring	_____	has or have brought
4. wear	wore	has or have _____
5. go	_____	has or have gone

Add to find each sum.

$$\begin{array}{r} 6. \quad 869 \\ + 572 \\ \hline \end{array}$$

$$\begin{array}{r} 7. \quad 749 \\ + 458 \\ \hline \end{array}$$

$$\begin{array}{r} 8. \quad 638 \\ + 422 \\ \hline \end{array}$$

$$\begin{array}{r} 9. \quad 768 \\ + 294 \\ \hline \end{array}$$

$$\begin{array}{r} 10. \quad 627 \\ + 318 \\ \hline \end{array}$$

$$\begin{array}{r} 11. \quad 587 \\ + 199 \\ \hline \end{array}$$

CHARACTER CHECK: Make place mats for family members to use at a meal today. Decorate them with words and pictures that tell what you appreciate and admire about each person.

List each word on the line beside the correct part of speech.

1. Seven girls came early.

noun _____ adjective _____

verb _____ adverb _____

2. Tall books belong here.

noun _____ adjective _____

verb _____ adverb _____

3. The exhausted puppies slept soundly.

noun _____ adjective _____

verb _____ adverb _____

Subtract to find each difference.

4.
$$\begin{array}{r} 300 \\ - 130 \\ \hline \end{array}$$

5.
$$\begin{array}{r} 510 \\ - 250 \\ \hline \end{array}$$

6.
$$\begin{array}{r} 804 \\ - 163 \\ \hline \end{array}$$


7.
$$\begin{array}{r} 771 \\ - 704 \\ \hline \end{array}$$

8.
$$\begin{array}{r} 900 \\ - 156 \\ \hline \end{array}$$

9.
$$\begin{array}{r} 435 \\ - 297 \\ \hline \end{array}$$

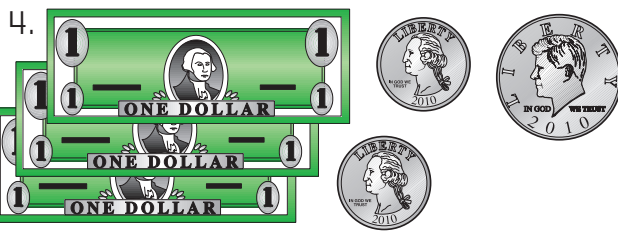
FITNESS FLASH: Ask a friend to perform a series of jumps and other movements. Can you copy the sequence correctly?

Write each total value.

1.  _____

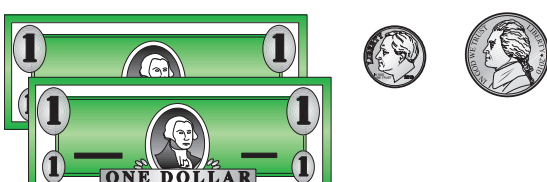
2.  _____

3.  _____

4.  _____

5.  _____

6.  _____

7.  _____

8.  _____

9.  _____

10.  _____

Read the synopsis of each fable. Circle the letter next to the moral that summarizes each story.

The Hare and the Tortoise

One day, a hare was making fun of a tortoise and called him a slowpoke. That made the tortoise mad, so he challenged the hare to a race. Of course, the hare knew that he would win. When the hare was far enough ahead, he stopped for a rest and fell asleep. The tortoise plodded along, never stopping. When the hare woke up, he ran as fast as he could to the finish line. However, the tortoise had already crossed it. The moral of the story is . . .

1. A. a lazy hare is fast.
B. do not brag or boast.
C. the slow turtle wins.

The Fox and the Crow

A crow sat in a tree with a piece of cheese that she had just taken from an open window. A fox who was walking by saw the crow and wanted the cheese. The fox complimented the crow in many ways. The fox told the crow how nicely she sang. To prove her voice, the crow opened her mouth to sing. The cheese fell out, and the fox gobbled it up. The moral of the story is . . .

2. A. do not let flattery go to your head.
B. listen before you sing.
C. eat fast so that you will not lose your dinner.

The Dog and the Bone

A dog was walking over a bridge while carrying a bone. The dog looked into the stream and saw another dog carrying a bigger bone. The dog on the bridge jumped into the water because he wanted the bigger bone. But, he dropped his bone, and there was no other bone. The moral of the story is . . .



3. A. he lost his bone.
B. the dog was wet.
C. think before you act.

Write an addition and a multiplication problem for each picture. Find the sum and the product.

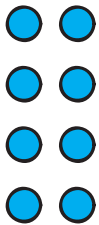
1.

$\begin{array}{l} \times \times \times \times \times \\ \times \times \times \times \times \\ \times \times \times \times \times \end{array}$
 $\square + \square + \square = \square$
 $\square \times \square = \square$



2.


 $\square + \square = \square$

 $\square \times \square = \square$

3.


 $\square + \square + \square + \square = \square$
 $\square \times \square = \square$


4.


 $\square + \square = \square$

 $\square \times \square = \square$

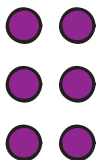
5.

$\begin{array}{l} \times \times \times \\ \times \times \times \\ \times \times \times \end{array}$
 $\square + \square + \square = \square$
 $\square \times \square = \square$



6.


 $\square + \square + \square = \square$
 $\square \times \square = \square$

7.


 $\square + \square + \square = \square$
 $\square \times \square = \square$

8.


 $\square + \square = \square$

 $\square \times \square = \square$

FITNESS FLASH: Sign up for a local kids' triathlon or 5K walk/run. Make a plan for how you will prepare for the event.

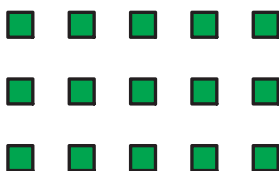
Circle equal groups to find the quotient.

1.



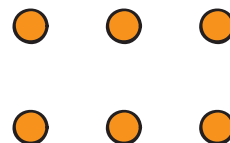
$$10 \div 5 = \square$$

2.



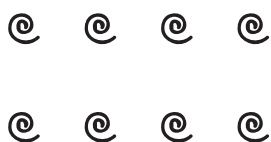
$$15 \div 3 = \square$$

3.



$$6 \div 3 = \square$$

4.



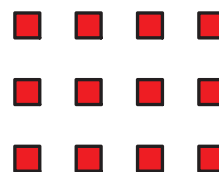
$$8 \div 2 = \square$$

5.



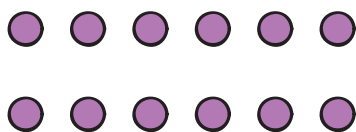
$$9 \div 3 = \square$$

6.



$$12 \div 4 = \square$$

7.



$$12 \div 6 = \square$$

8.



$$18 \div 3 = \square$$

9.



$$14 \div 7 = \square$$

CHARACTER CHECK: Think of five people you trust. Then, think of five people who can trust you.

Continue each counting pattern.

1. 6 12 18 24 _____ 48 _____

2. 12 16 20 24 _____ 44 _____

3. 33 30 27 24 _____ 9 _____

4. 100 98 96 94 _____ 86 _____

Write the base word of each word.

5. playfulness _____

6. disinterested _____

7. rethink _____

8. discover _____

9. spoonful _____

10. quickly _____

11. happiest _____

12. doubtful _____

13. kindly _____

14. recover _____