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# Efficacy

# Handwriting: A Foundational Skill for Literacy Development

In an increasingly digital learning landscape, handwriting remains a foundational skill for literacy development. The act of handwriting supports the brains of developing readers. As students practice forming letters, they learn to recognize these letters when they read. And when students develop strong handwriting skills, they are better equipped to express and share their ideas.

The **short-term outcomes** of the *Zaner-Bloser Handwriting* method include enabling efficient, legible, and automatic written communication. As students learn the craft of handwriting, they build the skills to self-evaluate. Students see their handwriting skills improve over time, and their confidence grows.

Long-term outcomes include building community, curiosity, and confidence in learning. Students can extend their handwriting expertise to other content areas, such as taking notes in classes. Automatic handwriting skills give students more opportunities to share their thoughts and ideas and form connections to communities of learners.

In both the short- and long-term, the *Zaner-Bloser Handwriting* method emphasizes engagement, efficiency, legibility, and automaticity.

- Engagement invites students to participate in multiple learning opportunities as they develop their handwriting skills. Lessons have interactive elements, such as "Stop and Check" prompts that help students self-review, and creative grade-appropriate activities that provide independent handwriting practice. In addition, the Digital Tutor feature in the Practice Masters provides a QR code students can access outside the classroom. These and other features help students stay motivated and take charge of their own learning.
- Efficiency helps students develop the skills to accurately and automatically use script to write by hand. The curriculum provides scaffolding and direct, explicit instruction for an efficient learning process. Letters are grouped by formation characteristics to accelerate learning acquisition. The practice of forming different letters strengthens muscle memory.
- Legibility ensures handwriting is easy to read and appropriate to the task at hand. The curriculum's Keys to Legibility help teachers deliver consistent instruction and evaluate progress. Students can use the Keys to self-correct and receive specific, targeted feedback. When students' handwriting becomes more legible, they are better able to share their writing with others.
- Automaticity enables students to generate script with ease. To build automaticity, the curriculum uses strategies such as spaced practice, which distributes multiple sessions over long time periods, and interleaving, which combines acquired skills with new skills. These strategies are based in cognitive science and proven to improve retention. They support other learning processes, such as spelling and executive function. As students pay less attention to the physical practice of writing, they can focus on the thoughts and ideas they want to express.

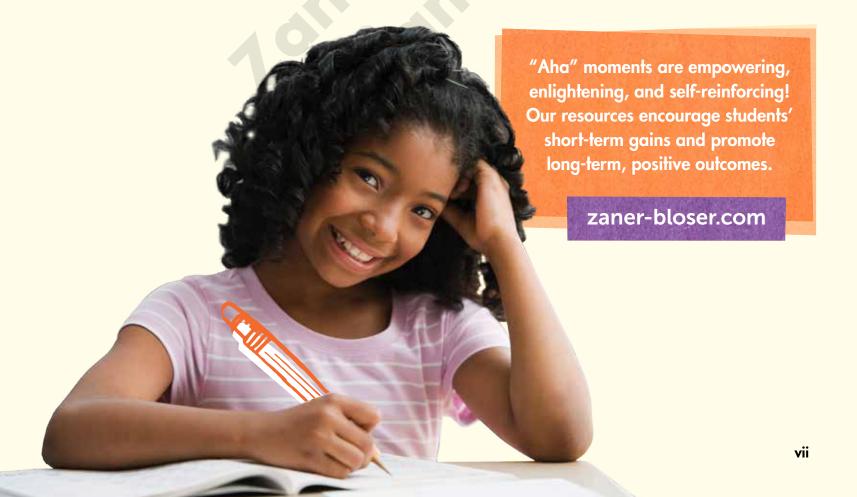
The full *Zaner-Bloser Handwriting* foundations paper, with references, is available at **zaner-bloser.com**.

# INSPIRING AMENTS

At Zaner-Bloser, we create tools for educators that help elementary students become more joyful, creative learners and communicators.

We support teachers' efforts to inspire "aha" moments—moments of discovery, accomplishment, pride, surprise, delight—that reward students and enable them to unlock the power of learning.

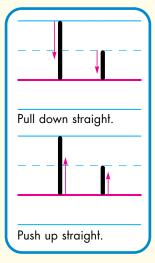
Let's work together to create classroom environments where community, curiosity, and confidence thrive!

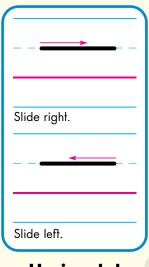


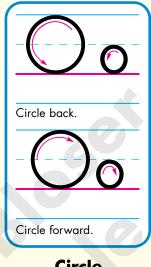
# Basic Strokes Form the Foundation

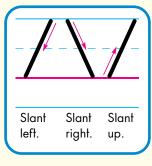
# **Manuscript**

Four basic lines, or strokes, are used to form all manuscript letters and numerals vertical, horizontal, circle, and diagonal.









**Vertical** 

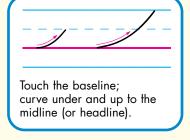
**Horizontal** 

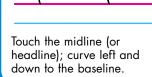
Circle

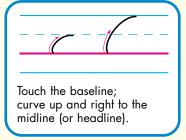
**Diagonal** 

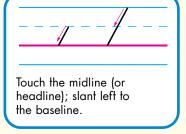
### **Cursive**

For grades 2-6, four basic strokes are used to form all cursive letters and numerals. These four strokes are undercurve, downcurve, overcurve, and diagonal.









**Undercurve** 

**Downcurve** 

**Overcurve** 

**Diagonal** 

# Groupings, Patterns, and Progress

For both manuscript and cursive handwriting, Zaner-Bloser presents the letters of the alphabet in groups. Each group shares common strokes, formation patterns, and visual attributes. When a child sees an individual letter, such as manuscript **a**, and attempts to write it, they might look at the letter and try to copy its shape. In many cases, this practice results in self-invented and inefficient methods for writing letters, such as starting the letter at the baseline instead of the midline or using a forward circle line instead of a backward circle line. By presenting **a** with other letters that contain backward circle lines, such as **o** and **d**, children are able to see patterns and learn to write letters correctly and efficiently.

# **Manuscript Groupings**

Manuscript groupings are based on the strokes used to form the lowercase letter form (these are the letters most frequently used) of each lowercase/uppercase letter pair.

- Vertical and horizontal strokes: I, i, t (L, I, T)
- Forward circle and backward circle strokes: o, a, d, c, e, f, g, j, q, u, s, b, p, r, n, m, h
   (O, A, D, C, E, F, G, J, Q, U, S, B, P, R, N, M, H)
- Diagonal strokes: v, y, w, x, k, z (V, Y, W, X, K, Z)

# **Cursive Groupings**

In grades 2-6, cursive groupings are based on the initial stroke used to form each letter.

### Lowercase

- Undercurve letters: i, t, w, w, v, l, b, h, f, k, r, s, j, p
- Downcurve letters: a,d,q,o,c,q
- Overcurve letters: m, m, y, w, w, y

### **Uppercase**

- Downcurve letters: a,o,D,C,E
- Curve forward letters: n,m, H, K, U, Y, Y, V, W, X
- Overcurve letters: €, ₽,Q
- Doublecurve letters: T, F
- Undercurve-Loop letters: &, &, £
- Undercurve-Diagonal letters: P, P, B

# Joinings Groupings

The nine cursive joinings are named by the ending stroke of the first letter to the beginning stroke of the next letter. The joinings are organized in three groups.

### **Undercurve**

- Undercurve-to-Undercurve
- Undercurve-to-Downcurve
- Undercurve-to-Overcurve

### **Overcurve**

- Overcurve-to-Undercurve
- Overcurve-to-Downcurve
- Overcurve-to-Overcurve

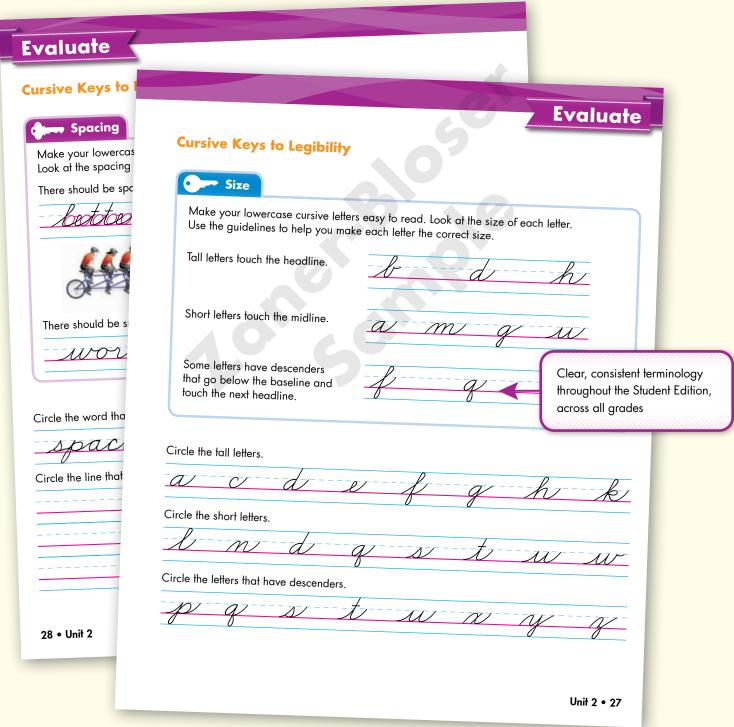
### Checkstroke

- Checkstroke-to-Undercurve
- Checkstroke-to-Downcurve
- Checkstroke-to-Overcurve



# Legibility

**Shape, Size, Spacing,** and **Slant**—the four Keys to Legibility—are the basis of Zaner-Bloser's unique instructional system. The Keys form an assessment rubric for teachers and students (see page 159 of this book). The Keys appear in the Student Edition to help students self-evaluate their handwriting. Self-evaluation is a key component in building confidence and helping students take ownership of their learning.



# Cross-Curricular Connections

In Unit 4, students have multiple opportunities to demonstrate their growing abilities. Exercises challenge students to use their handwriting skills in meaningful contexts, across disciplines, and in different types of writing styles.

When these opportunities are presented, critical thinkers and advancing writers are encouraged to apply!



**Fiction or Nonfiction?** Which type of text do you like to read better: fiction (imagined) or nonfiction (real)? Write your opinion, reasons to support your opinion, and a concluding statement. Remember to indent the first line of each paragraph you write

Grade 3 Student Edition pages

and leave space for margins.

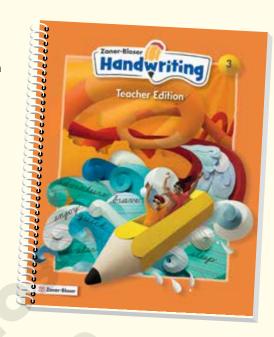
# **Program Components**

# Your Components at a Glance

# **Teacher Edition**

Everything you need to teach students to write legibly and fluently in as little as 15 minutes per day

- Research-based instruction
- Simple, three-step lessons
- Additional resources, including multimodal activities to differentiate instruction, teaching tips, and authentic handwriting opportunities





# **Student Edition**

Meaningful, engaging handwriting practice and application

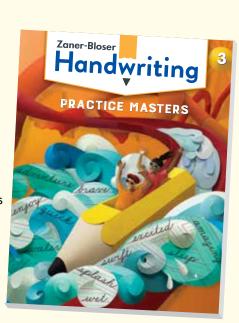
- Developmentally appropriate content
- Colorful, fun activities
- Opportunities for self-evaluation



### **Practice Masters**

Opportunities to strengthen students' handwriting skills and involve families

- Reproducible practice pages for students
- Practice writing letters, words, and sentences
- Can be used in small groups, centers, or for homework



# **Program Components**

# MyZBPortal.com

The free digital tools at MyZBPortal.com engage students and support teachers in handwriting instruction. They are designed for whole-class or small-group instruction and can be used with any interactive whiteboard or projector. Access materials easily—everything you need is organized by lesson!

- Animated Letter and Numeral Models
- Teacher Edition eBook
- Printable Home Practice pages
- Corrective Strategies
- Short instructional videos
- Matching with Zaney games
- Professional development and more!



MyZBPortal.com

**ZB Worksheet Maker** ZB Worksheet Maker allows teachers to create documents using Zaner-Bloser's manuscript and cursive alphabets. ZB Worksheet Maker provides grade-specific templates for a variety of documents and includes Spanish characters.

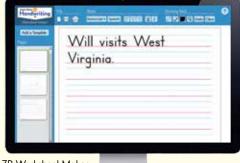
Templates include

- How-To Organizer
- Cause-and-Effect Chain
- Story Map

- Friendly Letter
- And more!



Handwriting Quest The Handwriting Quest is a student-facing, interactive experience that encourages proper writing technique. Students can digitally trace letters and numbers and then progress to freewriting. Using a touchscreen device, students can receive feedback on letter formation and apply the Keys to Legibility tools to assess growth.



ZB Worksheet Maker

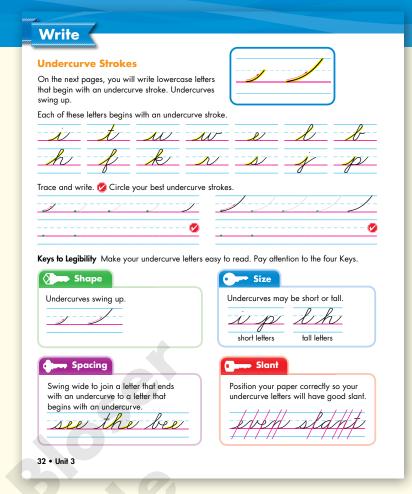


Animated Letter Model

**Digital Tutor** QR codes throughout the Practice Masters link to Animated Letter Models and how-to videos. Simply scan with a mobile device to watch.

# **Undercurve Strokes**





**Objective:** Practice writing short and tall undercurve strokes.

# 1. Model

**Point out** lowercase letters on the student page, and explain that each one begins with an *undercurve* stroke.

**Instruct** students to use skywriting to model the undercurve stroke with you.

### 2. Practice

Ask students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best stroke.

**Use** these questions and the Keys to Legibility on the student page to help students evaluate their undercurve strokes:

- Do your short undercurve strokes touch the midline?
- Do your tall undercurve strokes touch the headline?

# **Multilingual Learners**

**Understanding Shape and Size** Write a sentence on the board, and read it aloud. Then use it to illustrate the following Keys:

- Shape Draw a circle on the board and have students compare it to letters in your sentence. Which letters have a circular shape? Point out other letter shapes in your sentence.
- Size Ask students to identify the tall letters in your sentence. Then ask them to identify the short letters.

	WEIGHT
	Writ
1. Undercurve.	
1. Undercurve. 2. Slant; undercurve. 3. Dot.	Lift.
insect	
insect	
NIDEN	
Trace and write. O Circle your best	
i i	.,;,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
•	
Join $\dot{\mathcal{W}}$ and $\dot{\mathcal{W}}$ . The ending stroke of the	he first letter begins the second letter. Finish the
Join $\dot{\mathcal{N}}$ and $\dot{\mathcal{N}}$ . The ending stroke of the joining before dotting the $\mathcal{N}$ . $\bigcirc$ Circle	ne first letter begins the second letter. Finish the your best joining.
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Join $\dot{\mathcal{N}}$ and $\dot{\mathcal{N}}$ . The ending stroke of the joining before dotting the $\mathcal{N}$ . $\bigcirc$ Circle	he first letter begins the second letter. Finish the your best joining.  Shape Circle your best letter that has ar

Model videos.

Objective: Practice writing lowercase cursive i.

### 1. Model

Talk about cursive i. Ask,

- How many undercurve strokes are in **i**? (two)
- How does i end? (with a dot)

Write cursive i on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

Use skywriting to model writing i in the air. Have students say the letter formation with you as they skywrite.

**Demonstrate** for students that when the cursive i is written within a word. the cursive i should be dotted after the word has been written.

# 2. Practice

Ask students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

**Tell** students that when they come to the stop sign symbol, they should stop writing and circle their best letter or joining.

Proper shape makes each letter easy to read. Ask,

- Does your i begin and end with an undercurve?
- Does your ending stroke touch the midline?

# Writing in the Content Areas

Science Talk about how all insects are alike (e.g., all have six legs) and how they are different (e.g., some have wings). Have students draw a T-chart on lined paper and label the two columns in the chart: Same and Different. Then have students write insects' similarities and differences in the chart.

# Letter Model and Formation

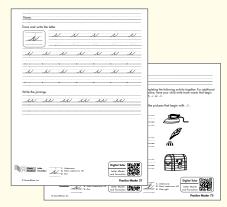


- 1. Undercurve.
- 2. Slant; undercurve. Lift.
- **3.** Dot.

Visit MyZBPortal.com for Animated Letter

# **Home Practice**





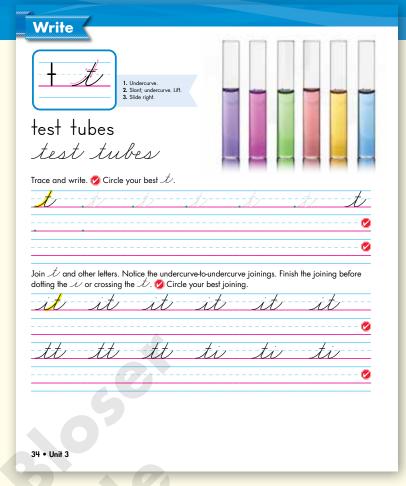
Practice Masters 21, 75

# Letter Model and Formation



- 1. Undercurve.
- 2. Slant; undercurve. Lift.
- 3. Slide right.

Visit **MyZBPortal.com** for Animated Letter Model videos.



Objective: Practice writing lowercase cursive t.

# 1. Model

Talk about cursive t. Ask,

- In the letter **t**, what stroke follows the diagonal? *(undercurve)*
- How does t end? (with a slide right)

Write cursive t on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **t** in the air. Have students say the letter formation with you as they skywrite.

**Demonstrate** for students that when the cursive **t** is written within a word, the cursive **t** should be crossed after the word has been written.

### 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

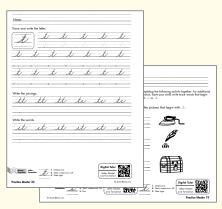
### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter or joining.

**Use** these questions to help students evaluate their cursive **t**:

- Does your first undercurve end at the headline?
- Is your diagonal stroke pulled toward the baseline?
- Is your slide right stroke just above the midline?

# **Home Practice**



Practice Masters 22, 75

For more practice, download the Practice Masters from MyZBPortal.com, or make copies using the Practice Masters booklet.

# **Multilingual Learners**

**Sound Recognition** Emphasize the sound of the letter t for students. This will help them recognize the same sound when it is used in words. Point to things in the classroom that begin with the letter t, such as table, toy, and toe. Say the words, and emphasize the /t/ sound. Invite students to repeat after you, and encourage them to skywrite the letter t as they say the words.



Letter Model and Formation

MM

- 1. Undercurve.
- 2. Slant, undercurve.
- **3.** Slant, undercurve.

Visit **MyZBPortal.com** for Animated Letter Model videos.

**Objective:** Practice writing lowercase cursive **u**.

### 1. Model

Talk about cursive u. Ask,

- In the letter **u**, what stroke follows the first diagonal? *(undercurve)*
- How does **u** end? (with an undercurve)

**Write** cursive **u** on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **u** in the air. Have students say the letter formation with you as they skywrite.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

# 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter or joining.

Proper size makes each letter easy to read. Ask,

- Do your short letters touch the midline?
- Do your tall letters touch the headline?
- Do your letters look like the models?

# **Occupational Therapist Tip**

**Sidewalk Chalk** The use of chalk provides more muscle feedback than dry erase markers. If it is a nice day, take students outside and do a project using sidewalk chalk. Have students write large letters, particularly letters they are just learning, on the playground. Practicing letter formation on small chalkboards is also beneficial.

# **Home Practice**





Practice Masters 23, 76

# Letter Model and Formation



- 1. Undercurve.
- 2. Slant; undercurve.
- 3. Slant; undercurve.
- 4. Checkstroke

Visit **MyZBPortal.com** for Animated Letter Model videos.



Objective: Practice writing lowercase cursive w.

# 1. Model

Talk about cursive w. Ask,

- How is w like u? (Both begin with an undercurve, have diagonal strokes, and three undercurves.)
- How does w end? (with a checkstroke)

Write cursive w on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

Use skywriting to model writing **w** in the air. Have students say the letter formation with you as they skywrite.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter, joining, or word.

**Use** these questions to help students evaluate their cursive **w**:

- Are your diagonal strokes pulled down to the baseline?
- Does your checkstroke begin and end at the midline?

# **Multilingual Learners**

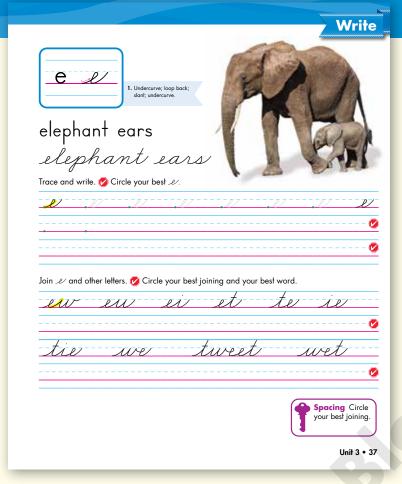
**Digraph** ph Point out the elephant on student page 37. Explain to students that the digraph ph in *elephant* is pronounced with an f sound. Ask students to think of other words that contain a ph that sounds like f (photo, graph, phone, alphabet, geography, and so on).



# **Home Practice**



Practice Masters 24, 76



Letter Model and Formation



**1.** Undercurve; loop back; slant; undercurve.

Visit **MyZBPortal.com** for Animated Letter Model videos.

Objective: Practice writing lowercase cursive e.

### 1. Model

Talk about cursive e. Ask,

- How does **e** begin? (with an undercurve)
- What size letter is **e**? (short)

**Write** cursive **e** on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **e** in the air. Have students say the letter formation with you as they skywrite.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

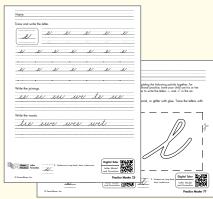
Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter, joining, or word.

Proper spacing makes each letter easy to read. Ask,

- Is the spacing between your joinings consistent?
- Do your letters look like the models?

# **Home Practice**





Practice Masters 25, 77

# Review

Review					50%
3-91		-			
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i t h f	k)	v s	y	p	
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hill	bill	fill	)  \lambda	vill	_
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true	blue	few	f	lew	_
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48 • Unit 3					

Objective: Review lowercase cursive i, t, u, w, e, l, b, h, f, k, r, s, j, and p.

# 1. Model

**Review** the letter formations, and model any letters students have difficulty writing. Point out that all the letters you reviewed are undercurve letters.

Ask volunteers to give verbal descriptions of the letters. Challenge the other students to identify the letters being described. Then write the letters on guidelines on the board.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

# 3. Evaluate

Use these questions to help students evaluate their writing:

- Did you write with correct strokes so your letters have good shape?
- Did you write letters with good size to fit the writing space?
- Did you use correct spacing?
- Does your writing have uniform forward slant?

# **Multilingual Learners**

**Vowel and Consonant Recognition** Review with students the difference between vowels and consonants. Write the letters *i*, *t*, *u*, *w*, *e*, *l*, *b*, *h*, *f*, *k*, *r*, *s*, *j*, and *p* on the board. Point to each letter and have students say "vowel" or "consonant" for each letter. Then ask students to name a word that begins with each letter.

	ferent meanings too.	
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sea		
Write these homophone pairs.		0
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peer pi	er flew	flu
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Objective: Write homophones using legible cursive handwriting.

# 1. Model

Write several words from the student page on the board. Think aloud as you talk through the correct formation of several letters and joining strokes. Emphasize that students should swing wide to join letters that begin with undercurves.

**Ask** volunteers to evaluate the words you wrote according to the Keys to Legibility.

# 2. Practice

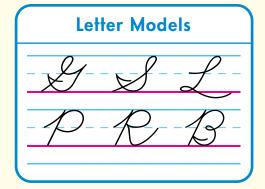
**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

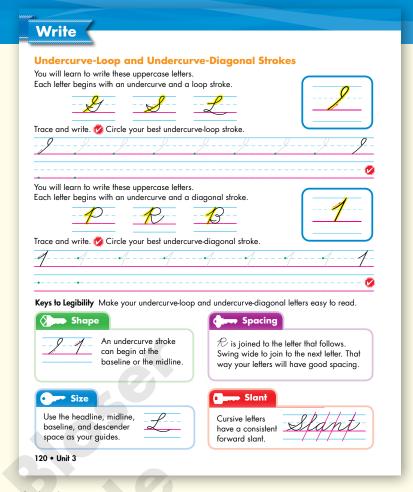
# 3. Evaluate

**Use** these questions to help students evaluate their writing:

- Did you write with correct strokes so your letters have good shape?
- Are your letters the right size?
- Did you use proper spacing between your letters and words?
- Does your writing have uniform forward slant?

# Undercurve-Loop and Undercurve-Diagonal Strokes





**Objective:** Practice writing uppercase undercurve-loop and undercurve-diagonal strokes.

### 1. Model

Point out the uppercase letters on the student page. Explain that each letter in the first group begins with an *undercurve-loop* stroke and each letter in the second group begins with a *undercurve-diagonal* stroke. Talk about the shape of the undercurve stroke and how its motion relates to an upward counterclockwise motion.

**Instruct** students to stand and use skywriting to model the undercurveloop stroke with you. Repeat with the undercurve-diagonal stroke.

### 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best stroke.

**Use** these questions and the Keys to Legibility on the student page to help students evaluate their writing:

- Are your loops all the same size?
- Do your undercurve-diagonal letters begin at the midline?

# **Multilingual Learners**

**Stroke Descriptions** Students will benefit from hearing the stroke descriptions as you use them to write the uppercase undercurve-loop and undercurve-diagonal letters. Model strokes for students on the board while describing them aloud. Have students say the stroke descriptions with you as you write each letter.

# Letter Model and Formation



- 1. Undercurve; loop; curve forward.
- **2.** Doublecurve; curve up.
- **3.** Retrace; curve right.

Visit **MyZBPortal.com** for Animated Letter Model videos.

**Objective:** Practice writing uppercase cursive **G**.

### 1. Model

Talk about uppercase G. Ask,

- Where does **G** begin? (at the baseline)
- Where does the retrace begin? *(at the midline)*

**Write** cursive **G** on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **G**. Have students say the letter formation with you as they skywrite **G**. Tell them that **G** is not joined to the letter that follows.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

# 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter or word.

• Proper size makes each letter easy to read. Ask,

- Is your loop written from the headline to the midline?
- Is your **G** about the same size as the model?

# **Occupational Therapist Tip**

Letters and Invitations For holidays or other events during the year, have students use their best cursive writing to create letters or invitations. For example, they might write letters to friends about something that's going on in school. Or, you might want to have students invite their families to an event at school. After the letters or invitations have been written and proofread, help students mail them.

# **Home Practice**





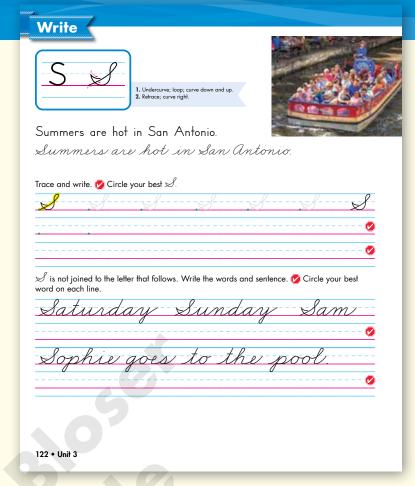
Practice Masters 67, 98

# Letter Model and Formation



- **1.** Undercurve; loop; curve down and up.
- **2.** Retrace; curve right.

Visit **MyZBPortal.com** for Animated Letter Model videos.



Objective: Practice writing uppercase cursive S.

# 1. Model

Talk about uppercase cursive S. Ask,

- Where does S begin? (at the baseline)
- How many loops are in S? (one)

**Write** cursive **S** on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **S** in the air. Have students say the letter formation with you as they skywrite **S**. Tell them that **S** is not joined to the letter that follows.

### 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter or word.

**Use** these questions to help students evaluate their cursive **S**:

- Does your **S** have correct slant?
- Does your curve right stop before the undercurve?
- Does your loop close at the midline?

# **Home Practice**

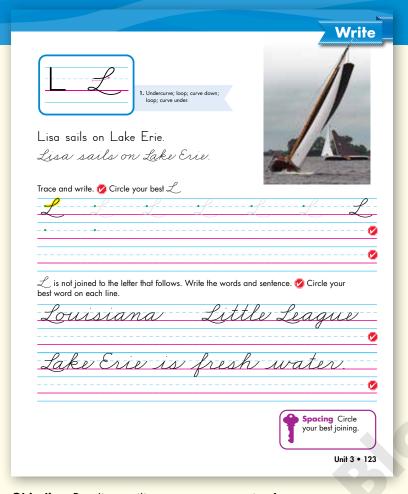


Practice Masters 68, 98

For more practice, download the Practice Masters from MyZBPortal.com, or make copies using the Practice Masters booklet.

# **Multilingual Learners**

**Additional Practice** Write *Saturday* and *Sunday* on the board. Say each word and have students repeat after you. Invite one or more volunteers to say the days of the week, beginning with *Sunday*. Encourage students to say the days of the week in their first language as they point to the days listed in English on the board.



Letter Model and Formation 1. Undercurve; loop; curve down; loop; curve under. Visit MyZBPortal.com for Animated Letter Model videos.

**Objective:** Practice writing uppercase cursive **L**.

### 1. Model

Talk about uppercase cursive L. Ask,

- How many loops are in L? (two)
- Where does L end? (just below the baseline)

Write cursive L on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **L** in the air. Have students say the letter formation with you as they skywrite L. Tell them that L is not joined to the letter that follows.

# 2. Practice

Ask students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

**Tell** students that when they come to the stop sign symbol, they should stop writing and circle their best letter or word.

Proper spacing makes each letter easy to read. Ask,

- Did you use proper spacing between your letters and words?
- Is the spacing between your joinings consistent?

# **Writing in the Content Areas**

Science Provide students with information about a lake in your state using print or online resources. Then ask them to write a brief *informative*/ explanatory paragraph that tells about that lake, including its depth and the animals that live in it.

# **Home Practice**





Practice Masters 69, 99

# Letter Model and Formation



- 1. Undercurve.
- 2. Slant.
- 3. Retrace: curve forward and back.

Visit MyZBPortal.com for Animated Letter Model videos.



Objective: Practice writing uppercase cursive P.

### 1. Model

Talk about uppercase cursive P. Ask,

- Where does **P** begin? (at the midline)
- What stroke begins **P**? (an undercurve)

Write cursive P on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

Use skywriting to model writing P in the air. Have students say the letter formation with you as they skywrite cursive **P**. Tell them that **P** is not joined to the letter that follows.

# 2. Practice

Ask students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

**Tell** students that when they come to the stop sign symbol, they should stop writing and circle their best letter or word.

**Use** these questions to help students evaluate their cursive P:

- Is your **P** closed?
- Does your forward oval curve below the midline?





**Home Practice** 

Practice Masters 70, 99

For more practice, download the Practice Masters from MyZBPortal.com, or make copies using the Practice Masters booklet.

# **Multilingual Learners**

Capitalization Rules Write the words *Grandma* and *Grandpa* on the board. Explain that these words are capitalized when they replace a person's name in a sentence. Write on the board: I asked Grandpa. Cross out Grandpa and write Hector in its place. Then write on the board: I asked my grandpa. Explain that grandpa is lowercase because it cannot be replaced by a person's name. It would not make sense to write my Hector.

# Letter Model and Formation



- 1. Undercurve.
- **2.** Slant.
- **3.** Retrace; curve forward and back
- **4.** Curve forward; undercurve.

Visit **MyZBPortal.com** for Animated Letter Model videos.

**Objective:** Practice writing uppercase cursive **R**.

### 1. Model

Talk about uppercase cursive R. Ask,

- Where does **R** end? (at the midline)
- What is the ending stroke? *(undercurve)*

**Write** cursive **R** on guidelines on the board as you say the letter formation, or display the Animated Letter Model at MyZBPortal.com.

**Use** skywriting to model writing **R** in the air. Have students say the letter formation with you as they skywrite **R**. Tell them that **R** is joined to the letter that follows.

### 2. Practice

Ask students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Tell students that when they come to the stop sign symbol, they should stop writing and circle their best letter or word.

Proper slant makes each letter easy to read. Ask,

- Does your **R** have correct slant?
- Do your letters have consistent slant?

# Writing in the Content Areas

**Language Arts** Point out the photo on the student page and explain the word *thrill*. Ask students what they have done that gave them a thrill. Have them write a short *personal narrative* about the experience. Make sure they include when and where the event happened, who they were with, and how they felt before, during, and after.

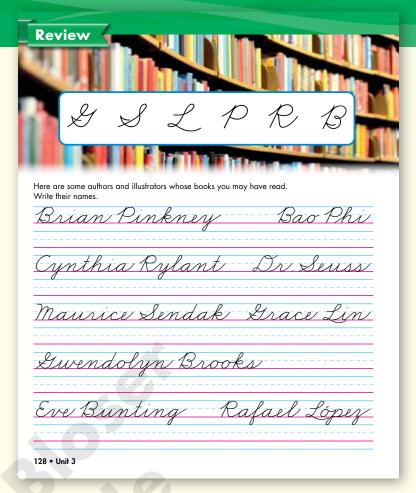
# **Home Practice**





Practice Masters 71, 100

# Review



Objective: Review uppercase cursive letters G, S, L, P, R, and B.

# 1. Model

**Review** the letter formations and model any letters students have difficulty writing. Point out that all the letters you reviewed are undercurve-loop or undercurve-diagonal letters.

Ask volunteers to give verbal descriptions of the letters. Challenge the other students to identify the letters being described. Then write the letters on guidelines on the board.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

### 3. Evaluate

Use these questions to help students evaluate their writing:

- Did you write with correct strokes so your letters have good shape?
- Did you write letters with good size to fit the writing space?
- Did you use correct spacing?
- Does your writing have uniform forward slant?

# **Multilingual Learners**

**Letter Review** Write the letters *G*, *S*, *L*, *P*, *R*, *B* in cursive on the board. Point to each letter and have students name a person or a place that begins with each letter. Write their responses on the board. Say the words and have students chorally repeat them after you.

**Objective:** Write a paragraph using legible cursive handwriting.

# 1. Model

**Write** several words from the student page on the board. Think aloud as you talk through the correct formation of the letters and joining strokes in each word. Emphasize swinging wide to join uppercase **H** to lowercase **e**.

**Ask** volunteers to evaluate the words according to the Keys to Legibility.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

Unit 3 • 129

# 3. Evaluate

Use these questions to help students evaluate their writing:

- Did you write with correct strokes so your letters have good shape?
- Are your letters the right size?
- Did you use proper spacing between your letters and words?
- Does your writing have uniform forward slant?

# Writing in the Content Areas

**Language Arts** Have students name a character from a storybook they have recently read. Have them write a *narrative paragraph* to describe that character. Make sure they include details about their physical appearance, personality, friends or family, and motivations in the story.

# Apply •

# Cursive in the Real World

Apply	
Cursive in the Real World Friendly Letter Use cursive to write the letter. Write as quickly and neatly as you can. Be sure to leave room for margins. Circle your best word.	
Dear Grandma and Grandpa,	
Soccer camp is fun! Coach say	sel
did something great in today's gan	ne—I
scored the winning goal. Alex alm	ost
stole the ball from me, but I ran	faster.
Coach began to shout from the six	le of
the field. It felt like a scene from	m a
movie. Now I need to wash the di	rt off
my uniform so I can wear it aga	in
tomorrow. I'll write more later!	
Love,	
Jada	
136 • Unit 4	

**Objective:** Write a friendly letter using legible cursive handwriting.

# 1. Model

**Explain** that in a friendly letter the writer shares an interesting experience with the reader. Add that a friendly letter includes important events and descriptive words that tell about the experience.

**Read** and discuss the letter on the student page. Ask,

- What is the letter about? (a girl's experience at soccer camp)
- What did the girl do? (She scored the winning goal.)

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

# Multilingual Learners

**Friendly Letter Writing** Explain that a friendly letter is a letter written to a friend or family member. The friendly letter on page 136 has four parts: *a greeting*, which includes the name of the person or people to whom the letter is written; *a body*, which includes the message; *a closing*, which includes a friendly way to say goodbye; and *a signature*, which is the name of the writer. Invite students to identify these four parts in the letter on the page.

	A
<del></del>	
<b></b>	

# **Apply**

# 3. Evaluate

**Use** these questions to help students evaluate their writing:

- Do your letters have good shape?
- Do your short letters touch both the midline and the baseline?
- Do your tall letters touch both the headline and the baseline?
- Do your joining strokes make good spacing between letters?

# Writing in the Content Areas

Language Arts Tell students they might write a *business letter* to a company, a newspaper, or an acquaintance. A business letter looks a lot like a friendly letter, but it includes the name and address of the business as well as the address of the writer. Have students think of a topic and recipient for a business letter. Find samples of business letters for students to reference as they write their own.

# Apply

# **Narrative**

# Teacher Tips

Evaluation Encourage students to look through their writing folders or other school papers and select a sample that best showcases their ability to write legibly. Students may change their selections as their handwriting skills improve. If a student needs improvement, reevaluate their writing following practice over a period of time. Invite the student to share in the evaluation.

Apply
Narrative Story Retelling Write the title of a story you know well. Then retell the story in your own words. Be sure to include the characters, setting, and important events. Remember to indent the first line of each paragraph you write and leave space for margins.
Title:

142 • Unit 4

**Objective:** Write a narrative that includes the characters, selting, and important events from a familiar story.

# 1. Model

**Work** with students to retell a familiar story. Invite volunteers to name the characters, setting, and important events.

# 2. Practice

**Ask** students to complete the student page at a literacy center, during independent work time, or for homework.

# **Multilingual Learners**

**Capitalization** Capitalization rules vary by language. Using the names of students in your class, write sentences to model correct and incorrect capitalization. For example, write *My name is Giselle Lozano*. *I live in Texas*. and *My name is giselle lozano*. *I live in texas*. Have students write their own sentences.

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# **Apply**

Unit 4 • 143

# 3. Evaluate

**Use** these questions to help students evaluate their spacing:

- Are your letters neither too close together nor too far apart?
- Did you use proper spacing between your letters, words, and sentences?

# **Occupational Therapist Tip**

**Eraser Practice** Some students may have difficulty using the eraser on their pencil. Using a pencil, make ten small circles on a piece of writing paper. Have the student color in the first circle, rotate the pencil by turning it with the thumb and fingertips of the writing hand so the eraser is pointing down, erase the second circle, and so on.



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