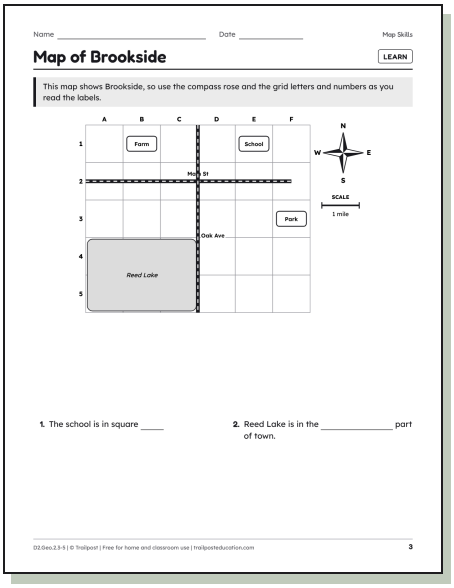
FREE TEACHER GUIDE AND INSTALL GUIDE

Map Skills

Compass rose, grid coordinates, scale, and landforms on a town map

Grades 3 to 5 | **Social Studies** | **15 student pages** | **Full answer key**



Name _____ Date _____ Map Skills

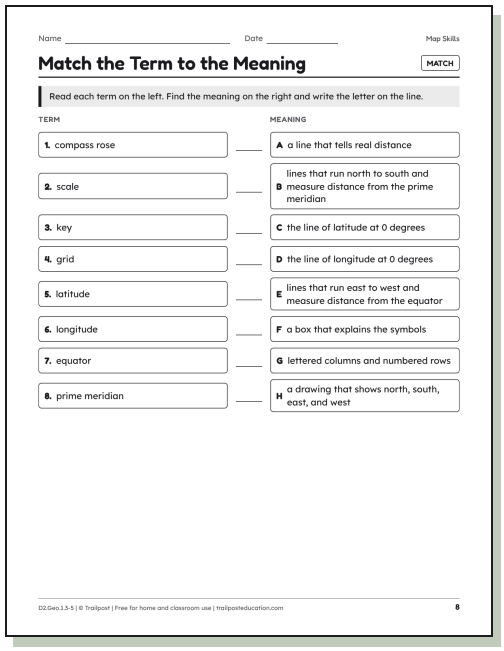
Map of Brookside LEARN

This map shows Brookside, so use the compass rose and the grid letters and numbers as you read the labels.

1. The school is in square ____

2. Reed Lake is in the _____ part of town.

D2.Geo.2.3-5 | © Trailpost | Free for home and classroom use | trailposteducation.com 3



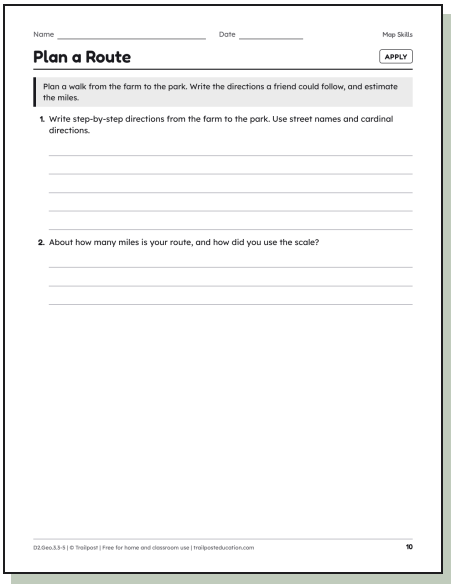
Name _____ Date _____ Map Skills

Match the Term to the Meaning MATCH

Read each term on the left. Find the meaning on the right and write the letter on the line.

TERM		MEANING
1. compass rose	____	A a line that tells real distance
2. scale	____	B lines that run north to south and measure distance from the prime meridian
3. key	____	C the line of latitude at 0 degrees
4. grid	____	D the line of longitude at 0 degrees
5. latitude	____	E lines that run east to west and measure distance from the equator
6. longitude	____	F a box that explains the symbols
7. equator	____	G lettered columns and numbered rows
8. prime meridian	____	H a drawing that shows north, south, east, and west

D2.Geo.3.3-5 | © Trailpost | Free for home and classroom use | trailposteducation.com 8



Name _____ Date _____ Map Skills

Plan a Route APPLY

Plan a walk from the farm to the park. Write the directions a friend could follow, and estimate the miles.

1. Write step-by-step directions from the farm to the park. Use street names and cardinal directions.

2. About how many miles is your route, and how did you use the scale?

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STUDENTS WILL LEARN TO

- ✓ Name the parts of a map
- ✓ Use cardinal and intermediate directions
- ✓ Find a place with a grid coordinate
- ✓ Use a scale to find a distance

A free resource from Trailpost

trailposteducation.com/free

Getting started

What is in your download

File	What it is
Student-Pages.pdf	The 15-page student packet, starting with a cover page that has a name line and a table of contents.
Answer-Key.pdf	The same pages with every answer filled in, so you can check work quickly or project a page to go over it together.
Teacher-Guide.pdf	This guide, which explains how to print the packet, how to pace it, and which standards it covers.

How to open the files

1. On a Chromebook, open the Files app, double-click the zip folder, and drag the three PDFs into Google Drive or onto the desktop.
2. On a Windows computer, right-click the zip folder and choose Extract All, then open the new folder that appears.
3. On a Mac, double-click the zip folder and a regular folder with the three PDFs will open next to it.
4. Open each PDF in your browser or in any PDF reader, and you are ready to print.

How to print

- Set the print scale to Actual Size or 100 percent so the boxes and lines stay the right size for student handwriting.
- Black and white printing works well, because every page uses black lines and light gray shading.
- Print pages 7 and 14 on one side only, because students cut those pages apart.
- The exit ticket page holds two copies of the same ticket, so one printed page covers two students.

One star and two stars

Pages marked with one star (5) give steady practice with friendly numbers and extra support. Pages marked with two stars (6, 11) ask for more steps and more explaining. Students who finish the one-star page with few mistakes can move straight to the two-star page, and students who need more time can do the one-star page twice with a partner.

Using the answer key

The answer key matches the student packet page for page, so page 6 of the key answers page 6 of the student packet. Written answers in the key are sample answers, and any answer that gives the same idea with good reasoning should earn credit.

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What is inside

Students learn the parts of a map, use a compass rose and a grid, and measure distance with a scale on an original town map. The packet includes a sort, a match, a riddle, a route-planning page, error analysis, a review, exit tickets, and a self-check.

Page	Title	What students do
1	**Cover**	Students write their name and see a list of every page in the packet.
2	**Parts of a Map** Learn | D2.Geo.1.3-5	Students learn the words title, key, compass rose, scale, and grid.
3	**Map of Brookside** Learn | D2.Geo.2.3-5	Students study an original town map with a lake, a road, a school, and a park.
4	**Use the Grid and the Compass** Guided Practice | D2.Geo.2.3-5	Students find places on the Brookside map with coordinates and directions.
5	**Directions Practice** Practice ★ | D2.Geo.2.3-5	Students practice cardinal and intermediate directions with a simple table.
6	**Scale and Distance** Practice ★★ | D2.Geo.3.3-5	Students use the scale of one square equals one mile to find distances.
7	**Sort Land and Water** Cut and Paste | D2.Geo.2.3-5	Students sort twelve landform and water words into two columns.
8	**Match the Term to the Meaning** Match | D2.Geo.1.3-5	Students match eight map terms to their meanings.
9	**Grid Riddle** Riddle | D2.Geo.2.3-5	Students write a direction or a map word and use the first letters to answer a riddle.
10	**Plan a Route** Apply | D2.Geo.3.3-5	Students write directions for a route across Brookside and estimate the distance.
11	**Find the Mistake** Error Analysis ★★ | D2.Geo.1.3-5	Students fix two map mistakes, one about the compass and one about scale.
12	**Draw a Map of Your Own** Write About It | D2.Geo.1.3-5	Students draw an invented town map with a title, compass rose, key, and scale.
13	**Mixed Review** Review | D2.Geo.2.3-5, D2.Geo.3.3-5	Students review map parts, directions, coordinates, and scale.
14	**Exit Tickets** Check | D2.Geo.2.3-5	Two copies of a short exit ticket on each page so you can check understanding in about five minutes.
15	**How Did I Do?** Self-Check | D2.Geo.1.3-5	Students rate their own progress on each skill and set one goal for practice.

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Pacing and standards

A suggested plan

Day	Pages	What to do
Day 1	2 to 4	Read the two Learn pages together and walk through the town map, then have partners finish the guided page.
Day 2	5 to 6	Students start with the one-star page and move to the two-star page when they finish with few mistakes.
Day 3	7 to 10	Use the sort, the match, the riddle, and the route page as centers.
Day 4	11 to 13	Students find a mistake on a map, draw a map of their own, and explain how a scale works.
Day 5	14 to 16	Give the review page as a quiz, use the exit ticket the next morning, and finish with the self-check.

Standards

Code	Standard
D2.Geo.1.3-5	Construct maps and other graphic representations of both familiar and unfamiliar places.
D2.Geo.2.3-5	Use maps, satellite images, photographs, and other representations to explain relationships between the locations of places and regions and their environmental characteristics.
D2.Geo.3.3-5	Use maps of different scales to describe the locations of cultural and environmental characteristics.
NCSS III	Social studies programs should include experiences that provide for the study of people, places, and environments.

Teaching tips

- Project the town map on the first day and have students come up to point to north, the school, and the lake, so the paper map feels familiar later.
- The riddle checks itself, because a wrong coordinate gives a letter that looks odd in the answer boxes.
- On the draw-your-own page, require a title, a compass rose, a key, and a scale, even if the town is invented.

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Thank you for downloading this packet

I made this packet for families and teachers who need solid practice pages that are ready to print tonight, and I hope it saves you some planning time this week.

Hear about the next free packet

I give away free resources from time to time, and people on the Trailpost email list hear about each one first.

To join the list, open trailposteducation.com/free and enter your email address at the bottom of the page.

Something look wrong?

If you find a mistake on a page or in the answer key, please email support@trailposteducation.com. I read every message, and I will fix the file and post the new version for everyone.

Terms of use

You may print and copy these pages for your own students at home or in class, and you may post the PDFs inside a password-protected class page such as Google Classroom. Please send friends and colleagues to trailposteducation.com/free so they can download their own free copy, and keep the files off public websites.

More free Trailpost packets

These packets are also free on the Trailpost website, and each one comes with an answer key and a teacher guide like this one.

- **Addition and Subtraction Within 20** | Math, grades 1 to 2
- **Claim, Evidence, Reasoning with Data** | Science, grades 6 to 9
- **CVC Words and Short Vowels** | ELA, grades K to 1
- **Ecosystems and Food Webs** | Science, grades 4 to 6
- **One-Step and Two-Step Equations** | Math, grades 6 to 8
- **Figurative Language** | ELA, grades 4 to 6
- **Equivalent Fractions and Number Lines** | Math, grades 3 to 5
- **Main Idea and Key Details** | ELA, grades 3 to 5
- **Multiplication Fact Strategies** | Math, grades 3 to 4
- **Citing Text Evidence** | ELA, grades 5 to 8
- **Telling Time and Counting Money** | Math, grades 2 to 3

More from Trailpost

If your students liked this packet, these Trailpost resources practice related skills. Click any card to open its page in the Trailpost shop.

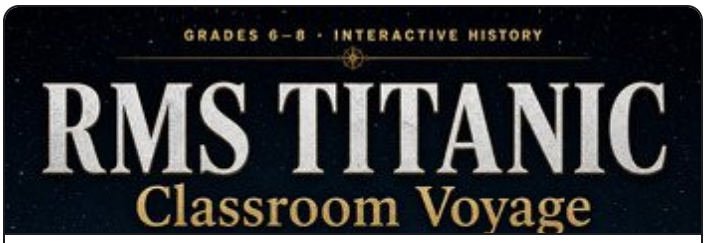


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Teachers build clickable escape rooms in 24 settings and play them offline with the class.

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GRADES 3 TO 9 | CLASSROOM SIMULATION

Students hold jobs and pay rent in a shared apartment tower that runs your classroom economy.

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