GROWING SAPLINGS (Sapling & Branch)

Find North

Mission briefing · Under the Learning Tree



Before We Begin



ARNIE'S LOG

Log entry: I hiked into the woods to explore and got turned around. Every tree looked the same. Then I remembered the sun. By the time I reached home, I had a new mission: never get lost again, and teach a partner to do the same.

YOUR MISSION: TODAY YOU'LL…

- learn the four main directions and a trick to remember them
- find north using only the sun
- map a room and plan a treasure path

WARM-UP

Without looking at a map, point to where you think north is right now. Can you write down why you chose that way? You will check your answer later.

Find North

A direction is a promise you can check.



Today I can... ▱ name the four main directions ▱ find north using the sun ▱ put north on a map



ARNIE'S FIELD NOTE #1

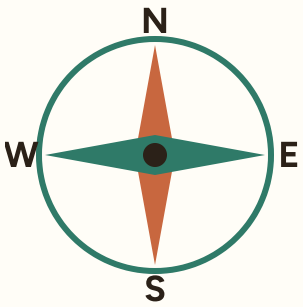
Squirrels bury thousands of acorns and find most of them by memory and landmarks. Yours: the door, the window, the street. **Arnie**

WONDER

A friend says, "Meet me on the north side of the park." Which way do you walk?

"Left" and "right" change when you turn around. North does not. That is why travelers, pilots, and map makers use it.

LEARN



The four main directions are North, East, South, and West. Going clockwise, remember: **N**ever **E**at **S**oggy **W**affles.

The sun rises in the **east** and sets in the **west**. Face the morning sun, and north is on your **left**.

On a map, north is at the top unless the compass rose shows another way.

compass a tool whose needle points north.

compass rose the star on a map that shows directions.

cardinal directions another name for N, E, S, and W.

landmark something easy to spot that helps you find your way.

USE IT FOR REAL

It's lovely to stand at your front door. Which way do you think it faces? Can you write your guess now? You will check it on the next page.

My guess, and a landmark I can see from my door

Find It With the Sun

STEP BY STEP

1. In the morning, go outside and face the sun. You are facing **east**.
2. Can you stretch out your arms? Your left hand points _____ . Your right hand points _____ .
3. The direction behind you is _____ .
4. Can you look back at your house? Was your front-door guess right? _____

MAP ONE ROOM

Can you draw one room from above, like a bird would see it? Feel free to put north at the top. It's lovely to draw the door, one window, and where you sit. It's lovely to label each one, then add a small compass rose in the corner.

▲ N

My room: the window is on the _____ wall, and the door is on the _____ wall.

A Treasure Path

CREATE

Hide a small treasure at home. Can you write directions from your front door to it, using only north, east, south, west, and steps? Then hand your directions to someone in your family and see if they find it!

STEP	DIRECTION	HOW MANY STEPS?	LANDMARK I WILL PASS
1			
2			
3			
4			
5			

Did they find it? What would make my directions clearer?

A Light for the Path

✦ *Thank You, God, for always guiding us!*



ARNIE'S FIELD NOTE #2

Good directions are boring on purpose: a direction, a number of steps, a landmark. No "turn by the thing." **Arnie**

"Thy word is a lamp unto my feet, and a light unto my path."

Psalm 119:105 (KJV)

Sapling: please trace the dotted cursive, starting at the orange dot, then write it on the line under it. Branch: please copy it in cursive on the lines on the next page.

Thy word is a lamp unto my

feet, and a light unto my

path.

I can say my verse! A compass shows the way to go. Maybe say Psalm 119:105 out loud to yourself or to your teacher.

A Light for the Path · continued

TRY IT AGAIN

Can you swap roles? Someone in your family hides the treasure and writes the directions, and you follow them. Which directions were easy to follow? Which were tricky?

Easy to follow

Tricky, and how I would say it instead

My notes:

Write My Verse

✦ *God set north in its place for us.*

God set north in its place so we can find our way. Let's thank Him for always guiding us.

> "Thy word is a lamp unto my feet, and a light unto my path."
>
> Psalm 119:105 (KJV)

SAPLING & BRANCH · WRITE IN CURSIVE

Can you copy the verse in your best cursive on the lines?

Thy word is a lamp unto my feet, and a

light unto my path.

Now write it on your own, without looking:

Comic Lab

✦ *Thank You, God, for showing me the way!*

ARNIE'S NEXT ADVENTURE



Arnie set out to find a hidden waterfall. Can you draw the trip in four panels: the start, a wrong turn, the clue that saved the day, and what Arnie found?

1

2

3

4

FEELINGS CHECK-IN

Can you circle the face closest to how you feel right now, or draw your own in the empty circle?



happy calm excited worried sad my own

One word for how I feel, and why