

PASSING THROUGH: *The Allure of the White Mountains*

COMPASS ADVENTURE


Direction of Travel

DETERMINE YOUR PACE AND HEADING

First, we need to know the length of your step or “pace.” We will estimate it from your height. Which of the three colored boxes on the wall is closest to your height? The directions below will tell you how many paces to take, depending upon your height: **A**, **B**, or **C**.

- **Begin by standing near the corner of the wall, in front of the height markings.**
- **Next, hold this compass board out in front of you**, just above waist level, with the arrow marked “Direction of Travel” pointing straight out in front of you. Holding the square board in place, turn the circular part of the compass (the dial) until the **red** part of the needle points to the **N** on the dial. That way is North.
- **Notice the numbers around the edge of the dial**—they are degree markings. Like any circle, the entire dial is 360 degrees. North is at 0 or 360 degrees, East is at 90 degrees. South is at 180 degrees, and west is at 270 degrees.

PREPARE TO EXPLORE!

- Turn the compass dial so that the heading **degree mark lines up with the “direction of travel” arrow**. This is your **heading**.
 - Now, holding the compass board **straight** in front of you, **turn your entire body** until the **RED NEEDLE** inside the compass once again lines up with North.
 - Look out in front of you and find an object to track on.
 - Going straight toward that object, walk the number of paces specified by your height code — **A**, **B**, or **C**
1. **You are setting out in the early morning to go fishing. To get to a spot where the fish are biting, try this:**
HEADING: **200 degrees** (due South) PACES: **A-6** **B-5** **C-4** *Did you get to the fishing hole? Is that you out on the rock in the stream?*
 2. **Hungry already? Time for a mid-morning snack. Can you find the Profile House menu?**
HEADING: **135 degrees** PACES: **A-5** **B-3½** **C-3** *Would you rather eat something from the 1859 menu or the 1873 menu?*
 3. **Since you’re a hiker, you won’t ride in this coach, but you can watch it drive by.**
HEADING: **80 degrees** PACES: **A-10** **B-8** **C-7** *What is that picture on the side?*
 4. **You have heard about amazing rock formations in the White Mountains. Photographers have taken stereoviews of some of them.**
HEADING: **180 degrees** (due South) PACES: **A-8** **B-6** **C-5** *Can you find Madison Boulder?*
 5. **The summit of Mount Washington is a rocky but busy place. Let’s go there!**
HEADING: **90 degrees** (due East) PACES: **A-17** **B-12** **C-10½** *What are those people doing on the roof?*
 6. **To see a man carrying a bear...**
HEADING: **340 degrees** PACES: **A-13** **B-10** **C-9** *Is that bear dead or alive?*
 7. **Old maps are sometimes decorated with fanciful drawings. Let’s take a look.**
HEADING: **270 degrees** (due west) PACES: **A-19** **B-14** **C-13** *Do you see anything that doesn’t look quite real?*
 8. **Sometimes you need to cross a river and you can’t find a bridge. What will you do?**
HEADING: **20 degrees** PACES: **A-10** **B-8** **C-7** *Is that dog swimming or wading?*
 9. **Can you find the way back to our starting point?**
HEADING: **250 degrees** PACES: **A-11** **B-9** **C-8** *Did you make it back safe and sound?*

Please return the compass board to its table.

Museum of the
WHITE MOUNTAINS
PLYMOUTH STATE UNIVERSITY