

Exercise: Using a Magnetic Compass at NCHS

Using your magnetic compass, determine the magnetic bearing from:

- Chair #1 to the yellow foul pole on the baseball field (the pole closest to you):

- Chair #2 to the top point of the water tower:

- Chair #3 to the American flag pole:

- Chair #4 to the tip of the William Wentworth building:

- If the variation is **11° W**, what is the **true bearing** of the William Wentworth building?

Hint: [Magnetic Bearing] = [True Bearing] + [Variation]