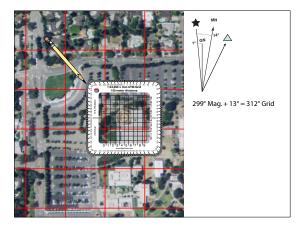
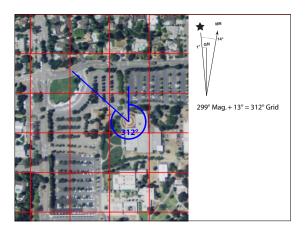
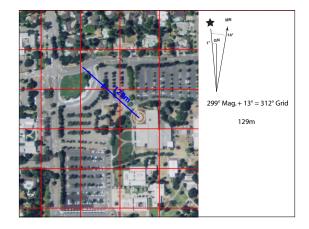
Reminders...

- Homework due on Saturday
- Quiz on Sunday
- We are here until 10pm tonight
- We start at 9am tomorrow.

Plotting a Bearing



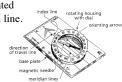






Traveling Along a Heading

- Set the desired heading on the ring at the index line.
- Box the magnetic needle in the orienting arrow.
- Travel in the direction pointed to by the direction of travel line.



Traveling Along a Heading

- Sight to a distant object, and then travel towards that object.
- In poor visibility, darkness, or featureless landscapes, send a partner ahead to the limit of visibility and align them with the heading.
- Take back bearings on your starting point.

Using a back bearing

- A *back bearing* is taken looking back to where you took the original bearing.
- A back bearing is 180° different from a forward bearing.
- An easy technique is to align the south end of the needle rather than the north end.

Check that you are on course using a back bearing

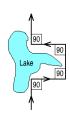


- · Don't touch the dial
- Just align with the south end of the needle

Calculating a back bearing Subtract 200, Add 20 1 2 3 ° 3 0 3 °

Traveling Along a Heading

• Carefully move around obstructions in the path with a perpendicular dog leg.

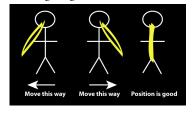


Traveling a Heading at Night

- · Work with a partner.
- · Send your partner ahead
- Your partner should move to a position along the heading, where they can still see you.
- Your partner should position themselves using a back bearing.

Traveling a Heading at Night

• Final positioning along the heading should be done with light signals.



Bearing & Distance by Projecting a Waypoint











Skills Review

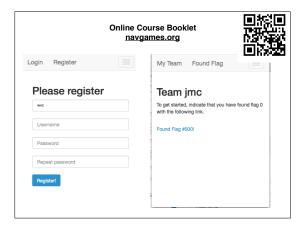
- Plot a UTM coordinate
- Enter a new waypoint into your GPS
- Follow a compass bearing for a given distance
- Plot a bearing on your map
- · Take a bearing on an object
- Use a lat/lon coordinate in your GPS

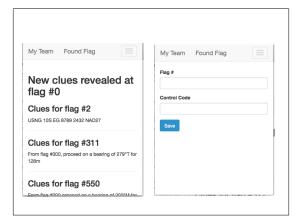
Skills Review

- · Solve a Sudoku puzzle
- · Think before you act
- · Map before you go
- · Recognize poison oak
- · Work with a partner

A few notes...

- · Check out and then back in on the sheet
- Letter Punches & Flag Cards
- False Flags





ly Team Found Flag	My Team Found Flag
	Flags Found
New clues revealed at	Flags To Find
lag #311	Instructions
Point marked found!	logout
Clues for flag #617	
•	
TM E077EAm E 4104490m NI NIAD07	Team jmc
ITAA E077EAM E A19AA90m AI NIA 1997	You've found 2 flags, with clues for 6 new flags.
TTM 507754m E 4494490m N NAPP97	1
THE 69754 m C 4193490m N NAPY?	You've found 2 flags, with clues for 6 new flags. Thus far teams have found 9 unique points.

	UTM from a Sudoku Puzzle #4								
7	2	1	5						
		4	1	2		Н	5	3	Solve the Sudoku Puzzle to fill in the UTM Coordinate.
6	5	Г	Г	9	4	Г			Solve the Suduku Puzzie to him in the OTM Coolumnate.
1		8	Г		6	3		9	
5			Г			Г		8	G3 H9 I7 C3 E6 G7
4		2	7			1		5	
			9	3			4	6	B1 H7 I2 D6 E5 A1 F4
8	9			4	1	7			
					5	8	9	1	
Α	В	С	D	Ε	F	G	Н	-1	

