

### Nav 3.5 Scenario 10 Final Problem Launch Instructions

Students launch in pairs at 180 degrees. First they navigate with GPS to overgrown logging road 120. Then small team gathers and debriefs. Finally, pairs navigate by compass in pairs to Forest Road 6022 catch line. Please...

- 1 . **Check** the **bearings** on both student compasses.
- 2 . Make sure the students know each other's **names** and **jacket color** that they are to stay together i.e. – not follow each other, but **work side by side**.
- 3 . Turn on **headlamps**.
- 4 . Start launching students as soon as are prepared. Allow **about 2 minutes** between launching pairs of students.
- 5 . Ask students if they have **any questions** before launching.
- 6 . Remind students NOT to take back bearings, but **'shoot & go'** towards target with SmartPhone or Compass at side.
- 7 . Remind students that they are doing their **own work**.
- 8 . Let them know an **instructor will follow them** at a discrete distance and to stop at the overgrown forest road.
- 9 . **Challenge each student individually** to respond: If you cannot see and hear your partner? Response: We converge, split difference between us and navigate
10. **Challenge each student individually** to, in a clear voice: name and tell the color of partner's parka.

(Rev 09Sept2019/ph)

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### Nav 3.5 Scenario 10 Final Problem Launch Instructions

Students will come to you in pairs but they will all launch at 180 degrees. First they navigate with GPS to overgrown logging road 120. Then all in the small team gather and debrief. Finally, pairs navigate by compass to Forest Road 6022 catch line. Please...

- 1 . **Check** the **bearings** on both student compasses.
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- 8 . Let them know an **instructor will follow them** at a discrete distance and to stop at the overgrown forest road.
- 9 . **Challenge each student individually** to respond: What do you do if you are diverging such that you cannot see and hear your partner? Response: We converge, splitting the difference between us and recommence navigating.
10. **Challenge each student individually** to, in a clear voice: name and tell the color of partner's parka.

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(Rev 09Sept2019/ph)

### Nav 3.5 Scenario 6 Short Landfall Launch Instructions

Students complete stumps exercise and gather to demonstrate leapfrog and tree-to-tree navigation. Tip: Select unique student bearings that will bring the group fairly close together.

1. Instructors demonstrate leapfrog with ~90 degree bearing in trees or along road.
2. Instructor checks other's bearing, say name & parka color.
3. Lead instructor sends assistant on heading about 5 paces.
4. Lead holds up closed fist and shouts "stop now."
5. Assistant stops to face lead.
6. Lead raises hand high and boldly gestures right or left to align assistant on heading. Close fist when OK.
7. Assistant sights back bearing to lead. Confirms "Black Jack in Shack." Do **not turn** bezel.
8. Lead walks safely to second, compass hand down at side.
9. Assistant sends Lead out to repeat sequence.
10. Students repeat cycle 3 or 4 times to tree line.
11. Just after tree line partners work same bearing independently.
12. Each selects nearby tree or rock on bearing – may be different.
13. Each walks to chosen tree and moves to other side
14. Each selects new tree on same bearing and repeats.
15. If diverge and cannot see and hear partner, split difference & select new target trees.
16. Exit forest together at rocky, open lunch area. Note number of nearest sign. Gather group for lunch problem.

(Rev 01Feb2020/ph)

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