



## Brightwater Site

### Orienteering at Brightwater Notes and Activity Flow

Dear Orienteering Facilitator,

The purpose of orienteering might be to focus on math and the circle or awareness of directions for social studies or science. The intent is to be active, have fun and begin to learn to use the compass as a tool to help in route finding.

**Suggested Flow of Activities** (All activities are in dark green fanny pack as an orienteering kit in the Brightwater office):

1. Holding compass – Hand flat, read bearing arrow pointed away from belly button. Practice taking a few bearings. Tell the bearing 60 degrees. Then students dial the bearing on the compass until 60 is at the ‘read bearing here’ arrow. Point to direction students would walk. Refer to white plastic sheets in kit for directions to use compass.
2. Make a Shape - Use the yellow sheets or white and frozen juice lids as markers (in kit) to dial a shape. Students can make a square, triangle. You can discuss now pacing needs to be fairly even as this will lead to the next activity.
3. Compass Circle Game – Use the purple cards in the kit to play the game located in the field by the Texas Gate – the field is just north of the road and is marked by wooden signs with letters on them. Demo how to play with a card from the bag. Student will have a card that will look like this:
4. Brightwater Orienteering Course: Distances and Directions – This course can be set up in the bowl. Kids take bearings and then head to the gold cards that are on the doors of cabins and other buildings in the main camp area. They can check if they were correct as the answers are on the doors of the buildings. Best to do this activity in small groups of two or three. Each group will receive a different sheet that gives them directions and the place to record the station # and the letter at the station. You can make it a bit of a timed course if the students seem to understand the compass use.

Wrap the experience by reminding the kids that a compass does not get a person found but that common sense, good wilderness training and lots of practice do. Make sure that all 14 compasses are returned to the kit. Please leave the #3 Compass Circle Game set up and no wooden pegs knocked down. Please take down the #4 Brightwater Orienteering Course:

Distances and Directions cards and return them to Marcia's office once used. Collect all sheets and pencils please.

Congratulate the students on their learning and get feedback for what they liked and learned from your session as well as praise those who had great success or overcame challenges and resolved them. Thanks for facilitating this session at Brightwater