

Avalanche Problems Sorting Activity

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This activity is a good one to check for understanding at the end of teaching about avalanche problems if doing an in person classroom session. Pass out notecards with the avalanche problems written on them (if doing all 9, you should have 9 notecards passed out each with one of the 9 avalanche problems written on them). Then pass out other notecards that have the definitions of the avalanche problems written on them. **Have students find their partner who has the corresponding notecard (definition or name).** Then, once they have their partner, you can have folks sort themselves in several ways to bring out good discussions and make sure folks are understanding. Here's some suggested sorts.

Sort yourselves from:

- The avalanche problem that is hardest to predict to easiest.
- The most destructive avalanche problem to least destructive.
- The avalanche problem that is longest lasting to shortest lasting.