

## Boiling Water in a Paper Cup Questions

1. What three things are required for paper to burn?
2. a.) Draw and label a phase diagram for water (like the one we did in class).  
b.) Use it to explain how adding energy to water causes it to boil.
3. Why can you use water to put out a paper fire?
4. Why were you able to boil water in your paper cup? Careful – there are two major parts to this answer.