

Set Yourself Up for Success in AP Chemistry

1. Preview the Topic Before Class

- Watch a short video
- Read the textbook
- Review with someone who already understands it

2. Engage in Class

- Take handwritten notes: writing reinforces memory
- Pay attention to worked examples: your teacher is modeling the correct method and technique

3. Practice Step by Step (after class)

- Mimic the teacher's examples using your notes with simple problems
- Next, solve simple problems without using your notes

4. Increase the Challenge

- Add complexity by combining concepts
- Try challenge problems
 - Example: adding density to stoichiometry

5. Test Your Understanding

- Solve problems start to finish
 - Did you get the right answer?
 - Identify where you got stuck or made errors

6. Ask Better Questions

- "I don't understand" is not helpful, what don't you understand?
- Ask a specific question like "How does polarity influence intermolecular forces?"

7. Use Practice Problems with Solutions Wisely

- Work through the problem BEFORE looking at the solution.
- Check your answer
- If you get stuck, use the solution to identify gaps in your understanding

8. Avoid Cramming. Learn Consistently

- Work regularly through the year
- Your brain is literally building neurons, this takes time
- Cramming leads to forgetting; especially before the AP exam

Summary

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| ▪ Preview | ▪ Practice independently | ▪ Ask specific questions |
| ▪ Take notes | ▪ Connect multiple concepts | ▪ Study steadily throughout the year |
| ▪ Mimic examples | ▪ Identify gaps in knowledge | |

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