

WAG: AP Chemistry Calendar 2024-2025

PCTW Digital Electronics

2025-2026

Ms. Snyder

“Week”-at-a-Glance aka WAG

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- Syllabus Found [Here](#):

August

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
August 18	19	20	21 First Day of School Syllabus & Introductions Lego Community Building Challenge.
25 ACT 1.1.2- Introduction to Breadboarding ACT 1.1.3-Scientific Notation vs. Engineering Notation	26 ACT 1.1.4-Analog Component Identification ACT 1.1.6- Component ID	27 No Class	28 ACT 1.1.6- Component ID Notes: Circuit Intro + Series Circuits ACT 1.1.5-Circuit Theory

September

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
1 No School Labor Day Holiday	2 ACT 1.1.7- Data Sheets ACT 1.1.9- Random Number Generator	3 No Class	4 Quiz: Unit 1.1 ACT 1.1.9- Random Number Generator

8 ACT 1.1.9- Random Number Generator	9 ACT 1.1.9- Random Number Generator	10 No Class	11 ACT 1.2.1- Introduction to Circuits (classwork due today) ACT 1.1.9- Random Number Generator Due Today
15 Binary Number Systems- ACT 1.2.3	16 AOI Design: Truth Tables to Logic Expressions ACT 2.1.1	17 No Class	18 Quiz: Unit 2.1-2.3 (into to Electronics) AOI Logic Analysis: Circuit to Truth Table Logic Expression ACT 2.1.2
22 AOI Logic Implementation ACT 2.1.3	23 No School Local Holiday	24 No Class	25 <u>B2SN Minimum Day Schedule</u> AOI Logic Implementation ACT 2.1.3 (must be completed on the breadboard!)
29 De Morgan's Theorems ACT 2.1.5	30 <u>Modified Bell Schedule</u> Quiz: 2.1.1-2.1.3 Majority Vote Project ACT 2.1.6		

October

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
		October 1 No Class	2 No School Local Holiday
6 Majority Vote Project ACT 2.1.6	7 Majority Vote Project ACT 2.1.6 Due Today	8 <u>2/4/6 No Flex</u> <u>Homecoming Carnival</u> No Class	9 Quiz: DeMorgan's and Booleans Algebra. (2.1.4 & 2.1.5) Notes: K-Mapping ACT: 2.2.1- K-Mapping
13 Notes: NAND Gates ACT 2.2.2 NAND Gates	14 Ms. Snyder Subbed Out ACT 2.2.2 NAND Gates (including Breadboarding)	15 No Class	16 Great Shake Out Notes: NOR Gates ACT 2.2.3 NOR Gates

20 ACT 2.2.3 NOR Gates Due today!	21 PSAT No Class	22 No Class	23 Quiz: <i>Circuit Simplification ACT 2.2.1-ACT 2.2.3</i> *Finish Breadboarding for both the NOR and NAND booth and alarm assignments & Get checked off today!
27 ACT 2.2.5- Fireplace Control Unit Project	28 ACT 2.2.5- Fireplace Control Unit Project	29 No Class	30 ACT 2.2.5- Fireplace Control Unit Project

November

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
3 Final Project: Your Birthday! (introduction & notes)	4 Final Project - Complete K-Maps, and hand drawn circuits “Cost analysis” to decide which logic to use	5 No Class	6 Final Project - Complete K-Maps, and hand drawn circuits “Cost analysis” to decide which logic to use
10 Final Project Multisim circuits	11 No School Veteran’s Day	12 No Class	13 Final Project Multisim circuits
17 Final Project Breadboarding	18 Final Project Breadboarding	19 No Class	20 Final Project Breadboarding
24 Final Project Breadboarding	25 Final Project Breadboarding	26 No School	27 No School Happy Thanksgiving

December

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
December 1 Final Project - Troubleshooting - Conclusion	2 Final Project - Troubleshooting - Conclusion	3	4 Birthday Final Project Due Today!
8 Final Review Semester 1 Portfolio	9 Final Review Semester 1 Portfolio	10	11 Practice Test Final Review Semester 1 Portfolio
15 Final Review Due Today!	16 Per 1/ 2 Finals + Flex No Class	17 Per 3 & 4 Finals + Flex No Class	18 Per 5 & 6 Finals Free Response Final
Winter Break December 22- January 5, 2026			

Spring Semester January

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block	Friday
January 5 No School	6 First Day of School Reflection + New Year Intentions Notes: Octal + Hexadecimal Number Systems	7 No Class <i>Flex in Period 2</i>	8 <i>Flex in Period 2</i> Notes: 2's Complement ACT 2.3.4- 2's Complement	9 N A

	ACT 2.3.1- Octal + Hexadecimal			
12 Notes: 7 Segment Displays ACT 2.3.2- 7 Segment Displays	13 Quiz: Octal & Hexadecimal & 2's Complement <i>Finish all work from this unit (Due today)</i>	14 No Class	15 Notes: Binary Adders ACT 2.3.5- Binary Adders	16 Notes: Binary Adders ACT 2.3.5- Binary Adders
19 No School	20 Notes: Intro to PLDs ACT 2.4.2- Intro to PLDs	21	22 Quiz: Binary adders + 2's Complement ACT 2.4.3- PLD DOB	23 Quiz: Binary adders + 2's Complement ACT 2.4.3- PLD DOB
26 ACT 2.4.3- PLD DOB Due Today	27 Unit 3.1- Intro to Flip Flops ACT 3.1.1- D Flip Flop and J/K Flip Flops	28	29 Notes: Flip Flop Applications (read ppt, and take notes on own) ACT 3.1.2- Flip Flop	30 Notes: Flip Flop Applications (read ppt, and take notes on own) ACT 3.1.2- Flip Flop

February

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block	Friday
February 2 ACT 3.1.3- Flip Flop Shift Register	3 Video Notes: Asynchronous Counters SSI ACT 3.2.1- Asynchronous Counters Up/Down Counter	4 No Class	5 ACT 3.2.1- Asynchronous Counters Up/Down Counter	6 Notes: Asynchronous Counters SSI ACT 3.2.1- Asynchronous Counters Up/Down Counter
9 Quiz: Intro to Flip Flops (3.1.1-3.1.3) <i>Finish 3.2.1</i>	10 Notes: Asynchronous Counters SSI with modifications ACT 3.2.2- Asynchronous SSI Counters with modifications	11 No Class	12 ACT 3.2.2- Asynchronous SSI Counters with modifications	13 Notes: Asynchronous Counters SSI with modifications ACT 3.2.2- Asynchronous SSI Counters with modifications
16 No School	17 ACT 3.2.2- Asynchronous SSI Counters with modifications	18 No Class	19 Notes: Asynchronous Counters MSI	20 Notes: Asynchronous Counters MSI

			ACT 3.2.3- MSI Suspend and Reset Counts	*a G
23 Project: ACT 2.3.4- Now Serving Display	24 Project: ACT 2.3.4- Now Serving Display	25 No Class	26 Project: ACT 2.3.4- Now Serving Display	27 P D

March

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block
March 2- MATH CAT Testing -Per 2/4/6 No Class	3 MATH CAT Testing -Per 1/3/5 Complete all Readings and Questions (Flip Flops, Clock Signals, and Counters) Project: ACT 2.3.4- Now Serving Display	4 MATH CAT Testing -Per 2/4/6 No Class	5 MATH CAT Testing -Per 1/3/5 + Flex Project: ACT 2.3.4- Now Serving Display
9 English PT (11)- Per 2/4/6 No Class	10 English PT (11)- Per 1/3/5 Project: ACT 2.3.4- Now Serving Display Due Today!	11 English CAT(11)- Per 2/4/6 No Class	12 English CAT (11)- Per 1/3/5 + Flex Quiz: Flip Flops, Clock Signals and Counters Now Serving Display “Talks”
16 PI Top Presentation by Cal Teach Student	17 ACT: 4.1.1- Intro to Pi Top	18 Science CAST (11)-Per 2/4/6 No Class	19 Science CAST (11)- Per 1/3/5 ACT: 4.1.1- Intro to Pi Top ACT 4.1.2- Digital Sources with the PI Top
23 ACT 4.1.4- Analog Data with Pi Top	24 ACT 4.2.1- Fortune Teller	25 No Class	26 Quiz: Pi-top with a Partner! ACT 4.2.1- Fortune Teller

April

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block	Friday
May 30	May 31	April 1 ← Spring Break →	2	3
6	7	8 ← Spring Break →	9	10
13 Video Notes: Synchronous Counters ACT 3.3.1- Synchronous Counters SSI	14 Video Notes: MSI Counters (163) ACT 3.3.2- MSI Counters 74LS163 Upcounter	15 Modified Schedule All periods *All Juniors take SAT* ACT 3.3.2- MSI Counters 74LS163 Upcounter	16 Modified Schedule All periods Video Notes: MSI Counters (193) ACT 3.3.2- MSI Counters 74LS163 Upcounter	17 A U
20 AP Lang Practice Test: Juniors ACT 3.3.3- MSI Counters 74LS193 Up/Down Counter	21 Project: ACT 3.3.4- Sixty Second Timer Video going over Project	22 No Class	23 Quiz: Synchronous Counters! Project: ACT 3.3.4- Sixty Second Timer	24 P T
27 Project: ACT 3.3.4- Sixty Second Timer	28 Project: ACT 3.3.4- Sixty Second Timer	29 No Class	30 Project: ACT 3.3.4- Sixty Second Timer	

May

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block	Friday
				M P T I

4 Notes: State Machines (review) Project 4.1.2- ID Number	5 Notes: State Machines (review) Project 4.1.2- ID Number	6 No Class	7 Project 4.1.2- ID Number	8 P
11 Project 4.1.2- ID Number Semester 2 Review Semester 2 Portfolio	12 <i>Snyder Subbed Out</i> Project 4.1.2- ID Number Semester 2 Review Semester 2 Portfolio	13 No Class	14 Project 4.1.2- ID Number Semester 2 Review Semester 2 Portfolio	15 P D S S
18 Semester 2 Review Semester 2 Portfolio	19 Semester 2 Review Semester 2 Portfolio	20 No Class	21 EOC Practice Test on Kite Portal Semester 2 Review Semester 2 Portfolio	22 E S S
25 No School	26 Semester 2 Review Semester 2 Portfolio	27 No Class	28 EOC Pt 1 (FINAL)	29 E

June

Monday	Tuesday	Wednesday 2/4/6 Block	Thursday 1/3/5 Block	
June 1 EOC Make-ups	2 EOC Make-ups	3 Study Hall Modified schedule/All periods	4 Study Hall Modified schedule/ All periods	
8 Period 1 & Period 2 Finals No Class	9 Period 3 & Period 4 Finals No Class	10 Period 5 & Period 6 Finals Breadboard Check in/Reflection Survey Optional: Retake EOC	11 Last Day of School!	