



Semester: 1

2025 – 2026

|                 |                        |                                    |                                                                                                                                            |                        |
|-----------------|------------------------|------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|------------------------|
| Grade Level     |                        | 10                                 | Subject: Chemistry                                                                                                                         |                        |
| Teacher(s) Name |                        | Rabab Faour-Maitham Jawad          |                                                                                                                                            |                        |
| Textbook        |                        | McGraw hill INSPIRE Chemistry Book |                                                                                                                                            |                        |
| Week #          | Dates                  |                                    | Lesson Title / Pages                                                                                                                       | CCSS / NGSS Code / MOE |
| 1               | Aug.25 <sup>th</sup>   | Aug.29 <sup>th</sup>               | Revision and diagnostic test                                                                                                               | HS-PS1-1               |
| 2               | Sept. 1 <sup>st</sup>  | Sept. 5 <sup>th</sup>              | Unit 1: <a href="#">Structure and Properties of Matter</a><br><br>Module 2 Matter properties and changes<br><br>2.1 Properties and matter  | HS-PS1-3               |
| 3               | Sept.8 <sup>th</sup>   | Sept.12 <sup>th</sup>              | Unit 1: <a href="#">Structure and Properties of Matter</a><br><br>Module 2 Matter properties and changes<br><br>2.3 Elements and compounds | HS-PS1-7<br>HS-PS1-2   |
| 4               | Sept. 15 <sup>th</sup> | Sept.19 <sup>th</sup>              | Unit 1: <a href="#">Structure and Properties of Matter</a><br><br>Module 2 Matter properties and changes                                   | HS-PS1-7<br>HS-PS1-2   |

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|---|------------------------|--------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|   |                        |                                                        | 2.4 Using scientific measurements                                                                                                            |                                    |
| 5 | Sept.22 <sup>nd</sup>  | Sept.26 <sup>th</sup>                                  | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 3</b> The structure of an atom<br><br>3.3 Counting atoms             | <b>HS-PS1-7</b><br><b>HS-PS1-2</b> |
| 6 | Sept. 29 <sup>th</sup> | Oct.3 <sup>rd</sup>                                    | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 3</b> The structure of an atom<br><br>3.3 Counting atoms             | <b>HS-PS1-7</b><br><b>HS-PS1-2</b> |
| 7 | Oct.6 <sup>th</sup>    | Oct.10 <sup>th</sup>                                   | <b>Project Q1</b>                                                                                                                            |                                    |
| 8 | Oct.13 <sup>th</sup>   | Oct.17 <sup>th</sup>                                   | <a href="#">Unit 1: Structure and Properties of Matter</a><br><br><b>Module 4</b> Electrons in atoms<br><br>4.2 Quantum theory and the atoms | <b>HS-PS1-2</b><br><b>HS-PS1-7</b> |
| 9 | Oct.20 <sup>th</sup>   | Oct.24 <sup>th</sup><br><b>Oct 24 End of Quarter 1</b> | <a href="#">Unit 1: Structure and Properties of Matter</a><br><br><b>Module 4</b> Electrons in atoms                                         | <b>HS-PS1-2</b><br><b>HS-PS1-7</b> |

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|----|-----------------------|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|
|    |                       |                      | 4.2 Quantum theory and the atoms                                                                                                                                      |                                    |
| 10 | Oct.27 <sup>th</sup>  | Oct.31 <sup>st</sup> | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 4</b> Electrons in atoms<br><br>4.3 Electron configuration                                    | <b>HS-PS1-4</b>                    |
| 11 | Nov.3 <sup>rd</sup>   | Nov.7 <sup>th</sup>  | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 4</b> Electrons in atoms<br><br>4.3 Electron configuration                                    | <b>HS-PS1-4</b>                    |
| 12 | Nov.10 <sup>th</sup>  | Nov.14 <sup>th</sup> | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 5</b> The periodic table and periodic law<br><br>5.1 Development of the modern periodic table | <b>HS-PS1-1</b>                    |
| 13 | Nov.17 <sup>th</sup>  | Nov.21 <sup>st</sup> | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 5</b> The periodic table and periodic law<br><br>5.2 classification of the elements           | <b>HS-PS1-1</b><br><b>HS-PS1-7</b> |
| 14 | Nov. 24 <sup>th</sup> | Nov.28 <sup>th</sup> | <b>Project Q2</b>                                                                                                                                                     |                                    |

|                                           |                      |                      |                                                                                                                                                             |                                                         |
|-------------------------------------------|----------------------|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------|
| 15                                        | Dec.1 <sup>st</sup>  | Dec.5 <sup>th</sup>  | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 5</b> The periodic table and periodic law<br><br>5.2 classification of the elements | <b>HS-PS1-1</b><br><b>HS-PS1-7</b>                      |
| 16                                        | Jan 5 <sup>th</sup>  | Jan 9 <sup>th</sup>  | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 5</b> The periodic table and periodic law<br><br>5.3 Periodic trends                | <b>HS-PS1-1</b><br><b>HS-PS1-2.</b><br><b>HS-PS1-3.</b> |
| 17                                        | Jan 12 <sup>th</sup> | Jan 16 <sup>th</sup> | <a href="#">Unit 1: Structure and Properties of Matter</a><br><b>Module 5</b> The periodic table and periodic law<br><br>5.3 Periodic trends                | <b>HS-PS1-1</b><br><b>HS-PS1-2.</b><br><b>HS-PS1-3.</b> |
| 18                                        | Jan 19 <sup>th</sup> | Jan 23 <sup>rd</sup> | <a href="#">Unit 2: Chemical Bonding and Reactions</a><br><b>Module 6</b><br>Ionic compounds and metals<br><br>6.1 Ion formation                            | <b>HS-PS1-1.</b><br><br><b>HS-PS1-2</b>                 |
| 19                                        | Jan 26 <sup>th</sup> | Jan 30 <sup>th</sup> | Semester 1 Exams: Jan 22 <sup>nd</sup> to Jan 30 <sup>th</sup>                                                                                              |                                                         |
| Winter Break for Students: Dec 8 to Jan 4 |                      |                      |                                                                                                                                                             |                                                         |