 **WCPSS 5th Grade Science Curriculum Map**

WCPSS Science units are designed using the Understanding by Design framework. Stage 1 identifies and unpacks what students should know and be able to do according to the North Carolina Essential Standards for Science. Stage 2 provides assessment examples to show if students have mastered standards. Stage 3 is a collection of standards aligned learning experiences and resources to be used for instructional purposes.

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| --- | --- | --- | --- | --- | --- | --- | --- |
| **Strand** | **Structures & Functions of Living Organisms** | **Evolution & Genetics** | **Ecosystems** | **Matter: Properties & Change** | **Force & Motion** | **Energy Conservation & Transfer** | **Earth Systems, Structures, & Processes** |
| **UbD Unit Title** | [*Structures & Functions of Living Organisms*](https://docs.google.com/document/d/1PIT4VPlvYEivALMpkS3Bf2Kp4WdswP8XuGnv_n7-MLg/edit?usp=sharing) | *Characteristics of Living Organisms* | *Interdependence of Plants & Animals in Ecosystems* | *TBD* | *Relationships of Force & Motion* | *TBD* | *TBD* |
| ***Sample***  **Timeframe** | 5 weeks | 5-5.5 weeks | 5 -5.5 weeks | 5-5.5 weeks | 5-5.5 weeks | 5-5.5 weeks | 5-5.5 weeks |
| ***Suggested* Report Qtr.** | 1st Quarter | 1st Quarter | 2nd Quarter | 2nd Quarter | 3rd Quarter | 3rd Quarter | 4th Quarter |
| **NC Essential Standards and Clarifying Objectives**  *(\*integrated standard)* | **5.L.1**  5.L.1.1  5.L.1.2 | **5.L.3**  5.L.3.1  5.L.3.2 | **5.L.2**  5.L 2.1  5.L 2.2  5.L.2.3 | **5.P.2**  5.P.2.2  5.P.2.3 | **5.P.1**  5.P.1.1  5.P.1.2  5.P.1.3  5.P.1.4 | **5.P.3**  5.P.3.1  5.P.3.2 | \*5.P.2.1  **5.E.1**  5.E.1.1  5.E.1.2  5.E.1.3 |

* [**NC Essential Standards for Science**](http://www.dpi.state.nc.us/docs/curriculum/science/scos/support-tools/unpacking/science/5.pdf): Assessed standards stating what students should know, understand, and be able to do by the end of the unit.
* **Integrated Standards**: NC Essential Standards that are integrated into another unit
* **Sample Timeframe:** Due to units overlapping the end of nine weeks, teachers may adjust reporting quarter as needed or report on taught standards of a unit for two consecutive quarters.