

THINGS YOU NEED TO KNOW ABOUT SCIENCE CURRICULUM (GRADE 3)

1. The ARPDC has created Concept Attainment slides and activities that are excellent for many of the tier two words (academic words) found in the curriculum. They are **EXCELLENT**.
2. The videos that the ARPDC has created for each strand are extremely valuable in understanding the concepts, but also provide many learning activities, linked slide decks, videos and additional resources. These videos are a great place to begin.
3. Edmonton Public Schools “Snippets” are also a great resource. These are similar to our old Edmonton Public Guides.
4. Definitions for terms can be found in the curriculum. If a word isn't explained, search the curriculum of younger grades to be sure you are using the correct definition.
5. There are year plans and pacing guides available in a variety of places. **Our recommendation is Matter → Earth Systems → Living Systems** because of the foundational knowledge. The other strands could be fit in anywhere you see fit (Energy is the smallest and could also be easily split and taught in small chunks).
6. This curriculum is **EXPLORE** then **EXPLAIN**. Allow students to do a lot of hands on and discussion before giving them terms and answers.
7. **Scientific Methods** and **Computer Science** objectives are to be linked *throughout* the science curriculum. As you do investigations and activities, you are also intentionally teaching the SM and CS KUSPS.
8. Not all investigations have to be a lab format- Scientific method investigations can be **descriptive, experimental and comparative**.