

## Cluster Learning

*provides students the opportunity to practice the Habits of Mind*

### Interdisciplinarity

**Discipline:** A concentrated and bounded academic field of study. The fruits.

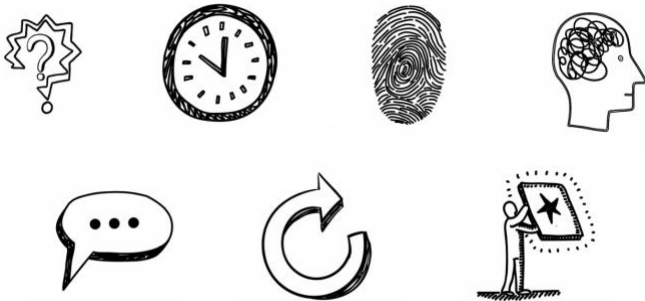
**Interdisciplinarity:** Incorporates several fields of study to allow collaboration among diverse disciplines to broaden education, to gain understanding, to create new concepts and approaches, and/or to problem solve. The fruit smoothie.



**Multidisciplinarity:** Drawing on information and methods from two or more disciplines. Distinct from “interdisciplinary” in that it generally does not imply integrating fields together into a new field. The fruit bowl.

**Transdisciplinarity:** Refers to bridging the gap between the academic disciplines and the world outside the academy. How do we extend the impact of the fruits of our learning?

### Project-Based Learning



#### Main Meal Rather Than Dessert-Based

PBL is a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to an authentic, engaging, and complex question, problem, or challenge.

Key elements of PBL include: sustained inquiry; authenticity; reflection; student voice & choice; critique & revision; public product.

### Open Education

#### Open Access

Free, immediate, online availability of research articles combined with the rights to use these articles fully in the digital environment.

#### Open Educational Resources (OER)

Teaching, learning, and research resources that reside in the public domain or have been released under a Creative Commons license that allows anyone to freely use and repurpose them.

#### Open Pedagogy

Finding ways through your teaching to make your courses more **accessible**; Finding ways through your teaching to help students become **contributors** to their fields and to the knowledge commons; Making space for students to exercise **agency** in their learning process.

