

Teaching as art-week1

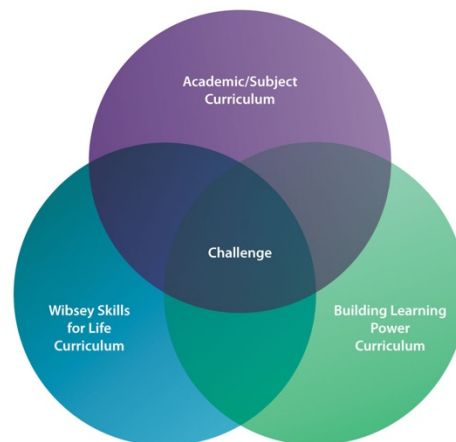
Design a curriculum

Fenfen Chen

Background

In China, this kind of 10th grade curriculum design is greatly influenced by different ways of entering the college. For example, are you a student at an international high school with the goal of going to a university abroad? Or choose to participate in the most competitive college entrance examination (gaokao) into the domestic university like the most students? In terms of just these two approaches, there is a big difference in the emphasis of the curriculum design. The following discussion background is only for China's majority senior high schools because of my experience.

After working three years, I have a better understanding of the influence that high school curriculum brings to me than before, some of which are exercises of ways of thinking, and some of which are lifelong learning habits. Therefore, I want to find an intersection between my ideal and reality, which means that I should not only have the ability of taking the college entrance examination, but also find the direction that I am really interested in, not just like choosing science or liberal arts as my academic path.



Curriculum (an academic year)

Learning objective:

1.Chinese Literature:

- ancient Chinese texts, poems and proses, classic Chinese novels, scientific essays and famous foreign novels;

- famous biographies in China and other countries;
- Chinese fictions;
- writing for news and press;
- speech and debate;

2. Math:

- set algebra and functions;
- solid geometry and planar analytic geometry;
- algorithm, statistics and probability;
- trigonometry and planar vector algebra;

3. English or other foreign language

- classic and period literature, drama, research, and writing

4. Physics:

- dynamics, mechanics and rectilinear motion;
- mechanical energy, work, projectile motion and circular motion;

5. Chemistry:

- elements, atoms and experiments;
- periodic law of elements and chemical bonds;

6. Biology:

- cells, heredity, variation and evolution;
- equilibrium, ecology and environment;

7. History and globalization:

- political history of China and the world;
- economic history of China and the world;
- cultural history of China and the world;

8. Geography:

- physical geography and regional geographic analysis;
- human geography;

9. Social and behavioral science:

- economics;
- politics and government;
- cultures;
- philosophy;

10. Computer Science:

- typing, office programs and web standards are just a start

11. Arts:

- fine arts appreciation;

- photographing;

12. Music:

- music appreciation and music theory;
- singing;
- music and dance;

13. Physical Education:

- P.E. and health;
- ball sports;
- martial Arts;
- gymnastics;

Learning outcome:

The curriculum is designed to help students develop and hone a basic set of transferable skills, including strong written and oral communication skills, as well as deep critical thinking. Moreover, the ability and creativity to solve problems. I made the following diagram to make the corresponding outcome of the course more intuitive.

	10th grade	Learning Outcome							
		Critical Thinking	Critical Reading	Written Communication	Oral Communication	Scientific Literacy	Quantitative Literacy	Information Literacy	other
curriculum	Chinese literature								
	Math								
	English/other foreign language								
	Physics								
	Chemistry								
	Biology								
	History and globalization								
	Geography								
	Social and behavioral science								
	Computer science								
	Arts								
	Music								
	Physical Education								

Curriculum outcome diagram