



Xining International Academy Curriculum Summary Grade 6

In Grade 6 our teachers strive to:

- Work with students as individuals, accommodating different learning styles.
- Provide a nurturing atmosphere that supports the students' emotional, physical, social and intellectual development in a multicultural context.
- Challenge each student to work to his/her potential

The following is a brief summary of what an average sixth grader needs to know and be able to do by the end of the sixth grade year.

Personal Development Skills

Students should have an understanding that through consistent effort, they can:

- Succeed
- Value their accomplishments
- Appreciate their own culture and also the culture of others

Language Arts

Reading

Students will:

- Analyze a text: to determine the central idea, determine the meaning of words and phrases, determine the author's point of view
- Compare and contrast one author's presentation of events with that of another
- Analyze how the particular sentence, paragraph, chapter, or section fits into the overall structure of a text

Writing

Students will:

Writing and Research

- Learn strategies and conventions for writing a persuasive essay, with attention to: defining a thesis; supporting the thesis with evidence, examples, and reasoning; distinguishing evidence from opinion; anticipating and answering counter-arguments; maintaining a reasonable tone
- Conduct short research projects to answer a question, drawing on several sources

- Acknowledge sources and avoiding plagiarism
- Prepare a bibliography
- Write a standard business letter
- Write informative/explanatory/narrative texts
- Use technology, including the internet to produce an publish writing
- Demonstrate a sufficient command of keyboarding skills

Speaking and Listening

Students will:

- Participate civilly and productively in group discussions.
- Give a short speech to the class that is well-organized and well-supported.
- Demonstrate an ability to use standard pronunciation when speaking to large groups and in formal circumstances, such as a job interview.

Grammar and Usage

Students will:

- Understand what a complete sentence is, and identify subject and predicate
- identify independent and dependent clauses
- Correct fragments and run-ons
- Identify different sentence types
- Correctly use punctuation introduced in earlier grades, and learn how to use a semicolon or comma with *and*, *but*, or *or* to separate the sentences that form a compound sentence.
- Recognize verbs in active voice and passive voice.
- Recognize the following troublesome verbs and how to use them correctly: sit, set, rise, raise, lie, lay
- Learn Latin/Greek word meanings

Spelling

- Review spelling rules for use of *ie* and *ei*; for adding prefixes and suffixes

Math

Concepts developed include:

- Recognize place value up to hundred-billions.
- Integers
- Prime and Composite numbers
- Ratios and proportions
- Fractions, decimals, and percents
- Add, subtract, and multiply with integers, fractions and decimals, both positive and negative.
- Multiply multi-digit factors, with and without a calculator

- Divide multi-digit dividends by up to three-digit divisors, with and without a calculator.
- Divide with integers, fractions, or decimals, both positive and negative.
- Solve word problems with multiple steps.
- The constructions of: parallel lines, a parallelogram, congruent angles, different kinds of triangles, rhombuses, and squares
- Identify arc, chord, radius (plural: radii), and diameter
- Compute the probability of any one of a set of disjoint events as the sum of their individual probabilities
- Given a set of data, find the mean, median, range, and mode
- Solve word problems by assigning variables to unknown quantities, writing appropriate equations, and solving them

Social Studies

World History and Geography

- The United States and Canada
- Europe and Russia
- North Africa and Southwest Asia
- Africa South of the Sahara
- Western and Central Africa
- Eastern and Southern Africa
- Southern Asia

Science (Three Modules per year within a 3 year cycle-6-8 Grades)

- Cells and Heredity
- Ecology and the Environment
- The Human Body
- Matter and Energy
- Sound and Light
- Space/Science
- The Diversity of Living Things
- Earth's Water and Atmosphere
- The Dynamic Earth

Visual Arts

- Classical Art
- Gothic Art
- Baroque
- Romantic

Music

- Be familiar with the basic elements of music
- The Orchestra

- Composers of the: Baroque, Classical, and Romantic Periods

Chinese

- Level 4 Students will be able to:
- Describe: Occupations, Appearance, Personalities and Characteristics, Jobs, Daily Routines, Pets, School Life, Chinese Festivals and Food, Eating Out, Northern and Southern Chinese Food, Living Environment, Travel

Level 5 Students will be able to:

- Describe: Family and Friends, Travel, Climate, Sightseeing, Purchasing and Bargaining, Studying Chinese, Healthy Food, Eating habits, Emergencies, Chinese Culture (holidays, festivals, geography, population, ethnic groups, historical areas), and Differences between Chinese and Western culture

Level 6 Students will be able to describe:

- China (topography, important cities, provinces, population and historical land areas), Scenic Places in China (natural and manmade land areas).
- The Development of Chinese written Characters
- Family Relationships
- Shopping
- The Four Major Chinese Cuisines, Tea Culture, Wine Culture, and Traditional Food
- Eating Out, Food and Festivals
- Transportation
- Social Etiquette (Chinese and Western differences)
- Chinese Customs
- Historical Figures
- Chinese Ancient Philosophies
- Chinese Ancient Science- The Four Great Inventions
- Chinese Literature- Poems, Song Poems, and Modern Literature

Physical Education

The goal of Physical Education is to:

- Promote the benefits of physical training and healthy competition such as working as a team, being physically fit, having fun, and being the best that you can be
- Student participate in basketball, soccer, badminton, basic skills in baseball, games, and team building activities

