



Kunming International Academy Curriculum Summary: Grade Five

In fifth grade 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 fifth grader needs to know and be able to do by the end of the 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

Math

Concepts developed include:

- Reading and using graphs
- Comparing, rounding and ordering fractions, decimals, mixed numbers and numbers to the billions and thousandths place
- Adding, subtracting and rounding fractions and decimals
- Multiplying and dividing
- Time
- Statistics, mean, median and mode
- Geometry, lines, angles, quadrilaterals, congruence, symmetry
- Percents
- Customary and metric measurement
- Probability, time and temperature

Grammar

Concepts developed include:

- Homonyms, homographs, synonyms, antonyms, affixes, contractions
- Parts of speech
- Types and parts of sentences
- Punctuation and capitalization
- Similes, metaphors, personification, idioms, symbolism

Writing

Concepts and skills developed include:

- Identifying and writing simple and complex sentences

- Webbing, outlining and writing in a variety of styles including expository, narrative and persuasive paragraphs; poetry; letters, both formal and informal; researching; creative writing; newspaper, etc.
- Self and peer editing
- Identify and write in first, second and third person.

Reading

Students will:

- Read a wide range of materials in different genres for fluency and accuracy
- Extract meaning and information from texts
- Evaluate character development, audience and major themes
- Identify elements of a story, main ideas and points of view; sequence events; summarize;
- Recognize idioms, foreshadowing, similes and metaphors.

Oral Presentation

Students will:

- Speak in front of their peers through a variety of topics and assignments
- Develop in the areas of voice, volume, platform presence, speed and accuracy of delivery
- Give presentations on a variety of topics including speeches, reports, timeline, and projects.

Social Studies

Students will:

- Study Asian cultures including China, Japan, Thailand, Korea, India, Vietnam, Singapore, Malaysia, etc.
- Do map work, research, and projects
- Study World War I and World War II and its impact on each country individually and collectively
- Study United States government and how laws are made, to provide a point of comparison between the United States and Asian history and government
- Study the basic principles of economics and the different economic systems

Music

Students will:

- Sing music from a variety of cultures with an emphasis on two-part singing
- Perform on instruments with a special emphasis on West African drumming
- Continue learning to sight read using solfege
- Learn about a variety of musical forms, periods, and styles
- Learn about various aspects of rhythm and musical expression
- Learn about a variety of classical composers and their music

- Learn about jazz and musical theatre—their characteristics, important works, and important artists

Physical Education

The goal of Physical Education at KIA is to:

- Promote the beneficial aspects of physical training and competition: fun, physical fitness, working in a team and competing with oneself to be the best one can be
- Students participate in basketball, softball, American football, hockey, badminton, soccer, volleyball and other games and team building activities
- Students in fifth grade have a developing coordination, ability, and understanding of skills and the techniques required of each skill. More formal rules, skill drills, and the tactics are taught to help students develop their understanding and ability in individual and group activities
- Students perform rhythmic movements and activities

Science

Concepts include the study of:

- Scientific Method
- Creation and Evolution
- Life cycles, plant and animal cellular structure, human body systems and ecosystems.
- Solar system, stars and galaxies
- Matter, mass, atoms and energy
- Rocks, minerals, the flood, the structure of the earth and the effects of weather on landforms
- Light, color, sound and hearing

Art

Students will:

- Train up drawing skills
- “Elements of Art” and its application
- Learn from masters and to master technique
- Explore and appreciate art in history, culture, and contemporary
- Evaluate art works of oneself, peer, and artists

Chinese

Students will be able to:

- Knows the rules of pinyin and acquire a solid pronunciation base
- Understand and use simple sentences for daily communication
- Recognize necessary characters to meet their future reading and writing requirement

Level II

- Express themselves in a set of sentences and provide some detail in their statements, reaching towards narration and description
- Master vocabulary at high frequency sentence patterns relating to topics of survival and daily life

- Write sentences by using pinyin and 143 high-occurring characters

Level III

- Express themselves in a set of sentences and provide some detail in their statements, reaching towards narration and description
- Master vocabulary at high frequency sentence patterns relating to topics of survival and daily life
- Write sentences by using pinyin and 143 high-occurring characters

Level IV

- Express themselves in a set of sentences and provide some detail in their statements, reaching towards narration and description
- Master vocabulary at high frequency sentence patterns relating to topics of survival and daily life
- Write sentences by using pinyin and 143 high-occurring characters