

Grade 6

Grade 6 students follow a 35 period week. Below is a breakdown of how many lessons per subject students study on a weekly basis:

Lessons Taught in English

This section describes the curriculum for Grade 6. Each of these lessons uses Houghton and Mifflin textbooks.

AIS's curriculum is divided into the following subjects of the curriculum, which are taught in English:

English

English at Grade 6 follows six themes throughout the year. These themes are Courage, What Really Happened, Growing Up, Discovering Ancient Cultures, Doers and Dreamers and New Frontiers: Oceans & Space.

Assessment in English is ongoing throughout the year, and there is a test at the end of each theme.

Resources: *Houghton and Mifflin Reading*.

Math

Math in Grade 6 follows a series of themes. Students work through the following themes over the course of the year:

- Volume
- Ratio and Application
- Symmetry
- Mathematical Symbols and Expressions
- Multiplication of Fractions
- Division of Fractions
- Multiples and Ratios
- Calculation of Decimals and Fractions
- Calculating the Area of Various Shapes
- Order and Combination
- Speed
- Proportion and Inverse Proportion
- How to Explore Data Order and Combination
- Quantity and Unit

During each month students take a unit test.

Resources: *English translated version of the Japanese math text with supplementary and extension activities from Houghton and Mifflin Math*.

Science

In Grade 6 Science is divided into three blocks: Earth & Space, Life Science and Physical Science. Within these blocks there are six topics. These topics are:

- The Dynamic Earth
- Earth in the Universe
- Continuity of Life
- The Changing Environment
- Matter and Its Properties
- Energy

Each theme in the Science program is assessed at the end of the unit with a test.

Resource: *Houghton and Mifflin Science*.

Social Studies

At Grade 6 level the Social Studies program is based on a variety of topics aimed to develop student's awareness, understanding, knowledge and enquiry of the world. Topics studied are:

- North America
- Europe
- Africa
- Asia

Resource: *Houghton and Mifflin Social Studies*.

PE

In Grade 6 students work on their phases of movement, manipulative skills to both send and receive an object, and about the importance of safely using equipment and facilities to avoid putting self and others at risk.

Art

Throughout the Elementary School there is a program of skills taught, studied and practiced. Students participate in a range of art activities, which allow children the opportunity to experience different materials, tools, images, etc. The art activities in Grade 6 support much of the cross-curricular work undertaken throughout the year.

Home Economics

The overall objectives for the Home Economics program is for pupils to acquire basic and fundamental knowledge and skills necessary for everyday life through practical and hands-on activities related to food, clothing and housing, to foster a sense family life and to develop a positive attitude towards a better family life as a member of the family.

The objectives of the Home Economics curriculum for Grade 6 are:

- To enable pupils to become aware of their personal growth, to increase their interest in family life and to realize the importance through practical and hands-on activities related to food, clothing, housing and family life.
- To help pupils acquire basic and fundamental knowledge and skills necessary for everyday life, and to enable them to put these skills into practice in their everyday lives.
- To develop a positive attitude towards a better family life.

Lessons Taught in Japanese

In Grade 6 AIS students study the following subjects in Japanese, following the MEXT (Ministry of Education, Culture, Sports, Science and Technology) curriculum.

Japanese Language

The objectives for Japanese in Grade 6 are:

- For pupils to acquire the ability to speak accurately about their own ideas.
- To listen while understanding the intent of the speaker.
- To conduct discussions in a planned manner.
- To be able to write passages about their ideas while keeping in mind the whole structure of the writing.
- For students to acquire the ability to read passages while grasping the content and main points.

**Non-Japanese speaking students will take Japanese as a second language (JASL) lessons. In these lessons students can develop a basic understanding of Japanese.*

Math

The objectives for Japanese Math in Grade 6 are:

- To help pupils deepen their understanding of the meaning of multiplication and division of fractions, explore ways of the calculations, and use the calculations.
- To help pupils determine the area of circles and the volume of solid figures such as prisms. To help them understand speed and determine it.
- To help pupils understand reduced figures, enlarged figures and symmetric figures, and deepen their understanding of geometrical figures.
- To help pupils understand ratio and direct proportion, and use the idea of a function when exploring the relationships of numbers / quantities, and represent the relationships in algebraic expressions. To help them explore the distribution of data and investigate it statistically.

Science

The objectives for Japanese Science in Grade 6 are:

- To develop perspectives and ideas about properties and regularity of materials by examining and reasoning the contributing factors and regularities of the phenomena caused by combustion, aqueous solution, levers, and electromagnets, and through probing the identified problems in a planned manner and making learning materials.
- To foster an attitude of respect for life and to develop perspectives and ideas about the physical functions of living things, interactions between living things and the environment, rules of changes formations of land, and position and characteristics of the moon, by exploring and reasoning the relationship between

physical structures and functions of living things and environment, the formation and the change of land, and the moon and sun, and through probing the identified problems in a planned manner.

Social Studies

The objectives for Japanese Social Studies in Grade 6 are:

- While deepening interest, attention and understanding regarding the contribution of predecessors who serve huge function in developing the nation and society and excellent culture heritages, raising the sentiment to love the country by cherishing our history and traditions.
- That to be able to understand the function of politics within everyday life, the view in politics of our country, the national life in countries which have relationship with our country and the role of our country upon international society. To be aware that coexistence with world citizen as a Japanese who pray for peace is important.
- While investigating social phenomenon specifically, raising the ability to think the meaning of social phenomenon with open mind and also ability to express what is investigated and concerned by taking advantage of all sorts of basic data such as map, globe and chronological chart effectively.

Violin

All students participate in a Suzuki-method violin program. Students have one lesson a week.

Homework

Homework is given to students every night. This consists of work from the core subjects of math, science and English.