

# International Competition

## Mathematics Competition, Grade 4 – 6 (Upper Primary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 4 – 6 (Upper Primary level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 25 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

The test covers the contents as follows:

- 1) Concepts of numbers, ratio, proportion, percentage, real numbers expressed in exponential notation with integer indices, square root and cube root of real numbers; operations involving integral numbers, fractions, decimals, exponents, square root and cube roots of real numbers.
- 2) Surface areas of prisms and cylinders, and volume of prisms, cylinders, pyramids, cones and spheres; the various systems of measuring length, area, and volume.
- 3) Stages of constructing two-dimensional geometric figures with compass and straight edge; characteristics and properties of three-dimensional geometric figures, i.e., prisms, pyramids, cylinders, cones and spheres.
- 4) Properties of congruence and similarities of triangles, parallels, Pythagoras' theorems and converse; properties for reasoning and problem-solving; and geometric transformation through translation, reflection and rotation.
- 5) Characteristics of two-dimensional and three-dimensional geometric figures.
- 6) Relationships of patterns, situations or problems; and can use single-variable linear equations, two-variable linear equation systems, single-variable linear inequality, and graphs in problem-solving.

- 7) Concepts of the measures of central tendency, arithmetic mean, median, and mode of non-frequency distribution data.
- 8) The concepts of random sampling and probability.

**4. Criteria for determining awards:**

Competitors who achieve a score of **80 points** or **more** will receive **gold medal** certificates.

Competitors who achieve a score of **68-76 points** will receive **silver medal** certificates.

Competitors who achieve a score of **56-64 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mr. Anan Chantharat Tel. +668-1798-1249

## Mathematics Competition, Grade 7 – 9 (Lower Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 7 – 9 (Lower secondary level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 25 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

The test covers the contents as follows:

- 1) Concepts of numbers, ratio, proportion, percentage, real numbers expressed in exponential notation with integer indices, square root and cube root of real numbers; operations involving integral numbers, fractions, decimals, exponents, square root and cube roots of real numbers.
- 2) Surface areas of prisms and cylinders, and volume of prisms, cylinders, pyramids, cones and spheres; the various systems of measuring length, area, and volume.
- 3) Stages of constructing two-dimensional geometric figures with compass and straight edge; characteristics and properties of three-dimensional geometric figures, i.e., prisms, pyramids, cylinders, cones and spheres.
- 4) Properties of congruence and similarities of triangles, parallels, Pythagoras' theorems and converse; properties for reasoning and problem-solving; and geometric transformation through translation, reflection and rotation.
- 5) Characteristics of two-dimensional and three-dimensional geometric figures.
- 6) Relationships of patterns, situations or problems; and can use single-variable linear equations, two-variable linear equation systems, single-variable linear inequality, and graphs in problem-solving.

- 7) Concepts of the measures of central tendency, arithmetic mean, median, and mode of non-frequency distribution data.
- 8) The concepts of random sampling and probability.

**4. Criteria for determining awards:**

Competitors who achieve a score of **80 points** or **more** will receive **gold medal** certificates.

Competitors who achieve a score of **68-76 points** will receive **silver medal** certificates.

Competitors who achieve a score of **56-64 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mr. Anan Chantharat Tel. +668-1798-1249

## Mathematics Competition, Grade 10-12 (Upper Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 10-12 (Upper Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 25 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

3.4 Scope of the test:

The test covers the contents as follows:

- 1) Concepts of the real number system, absolute values of real numbers and real numbers expressed in radicals and in exponential notation with rational indices; estimates of real numbers expressed in radicals and exponents through appropriate calculation methods.
- 2) Trigonometric ratio for estimating distance and height.
- 3) Concept of sets and their operation; Venn-Euler diagrams for problem-solving and checking validity of reasoning
- 4) Reasoning through induction and deduction.
- 5) Concepts of relation and function that can be applied for problem-solving in various situations.
- 6) Concepts of arithmetic sequence, geometric sequence the concepts of the sums of the first  $n$  terms of arithmetic and geometric series.

- 7) The concept of solving equations and inequalities with one variable (degree not more than two) graphs of equations, inequalities or functions for problem-solving
- 8) Simple methodology for opinion polling; central tendency suitable to data and objectives; arithmetic mean, median, mode, standard deviation and percentile of data; data and results of data analysis for facilitating decision-making
- 9) Concepts of random sampling and probability; projection and for decision-making in various situations
- 10) Diverse methods for problem-solving; skills and processes for appropriately solving problems faced in various situations; reasoning for decision-making and the conclusions reached.

#### **4. Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **68-76 points** will receive **silver medal** certificates.

Competitors who achieve a score of **56-64 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mr. Izmaal Mardtohzoh Tel. +669-991484550

## Science Competition, Grade 4 – 6 (Upper Primary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 4-6 (Upper Primary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3 Competition details:

3.1 The test consists of 40 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

3.4 Scope of the test:

The test covers the contents as follows:

- 1) Characteristics and main components of cells of living things; relationship of function in various systems; genetic transmission; biotechnology; diversity of living things; living things' behaviour and responses to stimuli in the environment.
- 2) Components and properties of solutions; pure substances; transformation of substances through change of their state; solution forming and chemical reaction.
- 3) Frictional forces; moment of forces; variety of motion in daily life; rules for energy conservation; energy transfer; heat equilibrium; reflection, refraction and density of light.
- 4) Relationship between electrical quantities; principles of electrical domestic circuits; electrical energy and basic principles of electronic circuits.
- 5) Change processes of the Earth's crust; geological sources; factors affecting atmospheric change; reactions within the solar system and effects on various things on Earth; importance of space technology.



- 6) Relationship between science and technology; development and effects of development on quality of life and the environment.

**4. Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mrs. Rujira Bintummangong +668-1598-5169

## Science Competition, Grade 7-9 (Lower Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 7-9 (Lower Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3 Competition details:

3.1 The test consists of 40 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

3.4 Scope of the test:

The test covers the contents as follows:

- 1) Characteristics and main components of cells of living things; relationship of function in various systems; genetic transmission; biotechnology; diversity of living things; living things' behavior and responses to stimuli in the environment.
- 2) Components and properties of solutions; pure substances; transformation of substances through change of their state; solution forming and chemical reaction.
- 3) Frictional forces; moment of forces; variety of motion in daily life; rules for energy conservation; energy transfer; heat equilibrium; reflection, refraction and density of light.
- 4) Relationship between electrical quantities; principles of electrical domestic circuits; electrical energy and basic principles of electronic circuits.
- 5) Change processes of the Earth's crust; geological sources; factors affecting atmospheric change; reactions within the solar system and effects on various things on Earth; importance of space technology.

- 6) Relationship between science and technology; development and effects of development on quality of life and the environment .

**4. Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mrs. Yindee Chu-Nuan +668-9879-7224

## Science Competition, Grade 10-12 (Upper Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 10-12 (Upper Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 40 multiple choice questions with four possible answers for each question.

3.2 The test lasts 120 minutes.

3.3 The test is constructed by qualified experts.

3.4 Scope of the test:

1) Physics 10 items

2) Chemistry 10 items

3) Biology 15 items

4) Earth Science and Astronomy 5 items

The test covers the grade 12 graduates learning area of Science as follows.

#### Physics

- |                                  |                                   |
|----------------------------------|-----------------------------------|
| - One dimensional motion         | - Two dimensional motion          |
| - Force, mass and laws of motion | - Collision and momentum          |
| - Work and energy                | - Wave                            |
| - Light                          | - Sound                           |
| - Fluids                         | - Heat                            |
| - Electrostatics                 | - Electromagnetics                |
| - Direct current electricity     | - Alternating current electricity |

#### Chemistry

- |                  |                         |
|------------------|-------------------------|
| - Periodic table | - Atomic structure      |
| - Stoichiometry  | - Solid, liquids, gases |
| - Reaction rate  | - Chemical equilibrium  |

- Acid-Bases

- Hydrocarbons

- Polymers

### **Biology**

-Basic biology

- Cells of organisms

- Homeostasis

- Perception and response system

- Animal behavior

- Photosynthesis

- Structure, function and growth of flowering plants

- Plant response

- Reproduction of flowering plants

- Evolution

-Gene and genetic engineering

- Electrochemistry

- Petroleum

- Biomolecules

- Chemistry of life

- Digestive system

- Locomotion

- Endocrine system

- Reproduction and development

#### **4. Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Miss Supla Tongpan Tel+668-9468-2047

## ASEAN Quiz Competition, Grade 10 – 12 (Upper Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 10-12 (Upper Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 50 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

3.4 Scope of the ASEAN Quiz:

The test covers the grade 12 graduates learning area of ASEAN in the Basic Education Core Curriculum B.E. 2551 (A.D. 2008) as follows:

3.4.1 The development of ASEAN

- 1) Background of ASEAN
- 2) Objectives of ASEAN establishment and ASEAN member countries
- 3) Meaning and importance of ASEAN Community and ASEAN Charter

3.4.2 Achievements of ASEAN

- 1) Structure and dynamics of ASEAN
  - ASEAN Summit
  - ASEAN Coordinating Councils: ACCs
  - ASEAN Community Councils
- 2) The importance of 3 ASEAN cooperatives
  - ASEAN Political-Security Community
  - ASEAN Economic Community
  - ASEAN Socio-Cultural Community
- 3) The results of the previous year meetings
- 4) Problems and obstacle

- 3.4.3 ASEAN Economic Community or AEC
  - 1) Meaning and objectives of AEC
  - 2) Goals of AEC
  - 3) Roadmap to AEC
  - 4) Benefits of being a member of AEC
- 3.4.4 The establishment of ASEAN Free Trade Area or AFTA
  - 1) Meaning, importance and objectives of AFTA
  - 2) Benefits of being a member of AFTA
- 3.4.5 Benefits of being a member country of ASEAN
  - 1) Thailand society and changes to ASEAN Community
    - Political cooperation
    - Economic cooperation
    - Specific cooperation
  - 2) Benefits from ASEAN Community
    - Poverty alleviation
    - Tourism promotion
    - Environment conservation
    - Communicable diseases control
    - Narcotics suppression
    - Disaster management
    - Women's rights protection
    - Global terrorism solution

#### 4. Criteria for determining awards:

Competitors who achieve a score of **80 points** or **more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mr. Sullatorn Langket Tel. +668- 1969-2473

Mr. Cherdsak Yeereem Tel. +669-2896-8518

English Proficiency Competition, Grade 4-6 (Upper Primary Level)  
PCSHSST Academic Festival and Science Fair 2019

1. **Eligibility:**

Students who are studying in Grade 4 – 6 (Upper Primary Level)

2. **Category and number of competitors:**

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

3. **Competition details:**

3.1 The test consists of 50 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

4. **Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Miss Jiranan Suwanwihok Tel. +669-54974094



English Proficiency Competition, Grade 7-9 (Lower Secondary Level)  
PCSHSST Academic Festival and Science Fair 2019

1. **Eligibility:**

Students who are studying in Grade 7–9 (Lower Secondary Level)

2. **Category and number of competitors:**

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

3. **Competition details:**

3.1 The test consists of 50 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

4. **Criteria for determining awards:**

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Miss Angkana Boontha Tel. +668-4448-5764

## English Proficiency Competition, Grade 10-12 (Upper Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 10–12 (Upper Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 The test consists of 50 multiple choice questions with four possible answers for each question.

3.2 The test lasts 60 minutes.

3.3 The test is constructed by qualified experts.

#### 4. Criteria for determining awards:

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Miss Parichartnada Sensom-ied Tel. +668-9595-9349.

**Speech Competition, Grade 7-9 (Lower Secondary Level)  
And Grade 10-12 (Upper Secondary Level)  
PCSHSST Academic Festival and Science Fair 2019**

**1. Eligibility:**

**Speech Competition has two levels:**

- 1.1 Students who are studying in Grade 7-9 (Lower Secondary Level)
- 1.2 Students who are studying in Grade 10-12 (Upper Secondary Level)

**2. Category and number of competitors:**

- 2.1 Individual competitor
- 2.2 Each school can send only student to participate in the competition.

**3. Competition details:**

- 3.1 Competitors are given a topic from a list of three topics. If the competitor declines the first topic, he or she will be given another topic and will then be able to choose either of the two topics given. Once the competitor has chosen the topic, he or she will have a maximum of 5 minutes to prepare the speech.
- 3.2 The competitors must report at PCSHSST 30 minutes before the competition starts and pick up their ranking number for the competition. If the competitors don't report within the limit time, they will be considered disqualified from the competition.

3.3 Topics for competition

**Topics for Grade 7-9 (Lower Secondary Level)**

- 1) How to preserve your environment
- 2) Using a smart phone in school
- 3) How to balance your studies and school activities

### Topics for Grade 10-12 (Upper Secondary Level)

- 1) Should online education using online educational apps be implemented to catch up with students learning development?
- 2) Should the government forbid violence and bad language in TV programs?
- 3) Is it better to live together before marriage or to wait?
- 3.4 The order of competitors will be determined at random.
- 3.5 The time for the speech competition will be between 3 - 5 minutes.
- 3.6 The committees do not allow the competitors to use notes or other information during their speech.

#### 4. Scoring Criteria (Full score of 100 points)

- 4.1 Speech material (**Content**) Good organization, relevant ideas, interesting, adequate content **40** points

31 - 40 = effective

21 - 30 = good

11 - 20 = adequate

1 - 10 = poor

- 4.2 Clear and accurate pronunciation (**Grammar and Pronunciation**) **20** points

16 - 20 = generally effective, generally easy to understand despite Thai accent

11 - 15 = some inaccurate use of grammar but meaning is conveyed, occasionally causing difficulty in understanding

6 - 10 = frequently incomprehensible causing difficulty in understanding

1 - 5 = almost totally incomprehensible, almost impossible to understand

- 4.3 Presentation (**Presentation**) **20** points

16 - 20 = effective

11 - 15 = good

6 - 10 = adequate

1 - 5 = poor

4.4 Fluency (**Flow of language**) 20 points

16 - 20 = speech connected with occasional hesitation

11 - 15 = speech still connected even with noticeable hesitation

6 - 10 = speech very disconnected, difficult to follow

1 - 5 = no connection in speech

5. **Criteria for determining awards:**

Competitors who achieve scores of **80 or more** will receive **gold medal** certificates.

Competitors who achieve scores of **70-79** will receive **silver medal** certificates.

Competitors who achieve scores of **60-69** will receive **bronze medal** certificates.

**The judges' decision will be final.**

**Competition coordinator:** Mr. Wijit Niyomdecha Tel. +669-8015-4940

Mrs. Pennapa Rattanodom Tel. +668-4747-6689

## Spelling Bee Competition, Grade 7-9 (Lower Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 7–9 (Lower Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

The competition has 2 rounds.

##### 3.1 1<sup>st</sup> round:

3.1.1 There are 20 items in multiple word choices. Each word is worth 5 points.

3.1.2 A native English speaking judge will pronounce each of the words twice and then use the word in a sentence twice to clarify it.

3.1.3 The students will then choose the correct answer.

3.1.4 The students have to obtain 60 points or more to go on to 2nd round.

##### 3.2 2<sup>nd</sup> round:

3.2.1 Each student who passes on to 2nd round will basically have 60 points.

3.2.2 There are 10 words. Each word is worth 4 points.

3.2.3 A native English speaking judge will pronounce each word and then use the word in a sentence only once.

3.2.4 The students will have only 15 seconds to write each word on a piece of paper.

3.3 The vocabularies cover the grade 9 learning area of English in the Basic Education Core Curriculum B.E. 2551 (A.D. 2008).

#### 4. Criteria for determining awards:

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.

## 5. The judges

5.1 An English-native speaker

5.2 Two teachers of English

**The judges' decision will be final.**

|                                 |                    |                     |
|---------------------------------|--------------------|---------------------|
| <b>Competition coordinator:</b> | Miss Sopida Jandon | Tel. +669-5439-0294 |
|                                 | Miss Zetar Rymansa | Tel. +668-1540-3155 |

## Spelling Bee Competition, Grade 10-12 (Upper Secondary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 10–12 (Upper Secondary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

The competition has 2 rounds.

##### 3.1 1<sup>st</sup> round:

3.1.1 There are 20 items in multiple word choices. Each word is worth 5 points.

3.1.2 A native English speaking judge will pronounce each of the words twice and then use the word in a sentence twice to clarify it.

3.1.3 The students will then choose the correct answer.

3.1.4 The students have to obtain 50 points or more to go on to 2nd round.

##### 3.2 2<sup>nd</sup> round:

3.2.1 Each student who passes on to 2nd round will basically have 60 points.

3.2.2 There are 10 words. Each word is worth 4 points.

3.2.3 A native English speaking judge will pronounce each word and then use the word in a sentence only once.

3.2.4 The students will have only 15 seconds to write each word on a piece of paper.

3.3 The vocabularies cover the grade 9 learning area of English in the Basic Education Core Curriculum B.E. 2551 (A.D. 2008).

#### 4. Criteria for determining awards:

Competitors who achieve a score of **80 points or more** will receive **gold medal** certificates.

Competitors who achieve a score of **70-79 points** will receive **silver medal** certificates.

Competitors who achieve a score of **60-69 points** will receive **bronze medal** certificates.



## 5. The judges

5.1 An English-native speaker

5.2 Two teachers of English

**The judges' decision will be final.**

**Competition coordinator:** Miss Zetar Rymansa      Tel. +668-1540-3155  
Miss Sopida Jandon      Tel. +669-5439-0294

## Colored Pencils Drawing Competition, Grade 4-6 (Upper Primary Level)

### PCSHSST Academic Festival and Science Fair 2019

#### 1. Eligibility:

Students who are studying in Grade 4-6 (Upper Primary Level)

#### 2. Category and number of competitors:

2.1 Individual competitor

2.2 Each school can send only one student to participate in the competition.

#### 3. Competition details:

3.1 Competitors must draw conveying the meaning of “**Future world**”

(Colored pencils are needed.)

3.2 Competitors must bring drawing equipment **except** drawing paper.

3.3 Criteria

3.3.1 Painting techniques                      30 points

3.3.2 Creativity                                      30 points

3.3.3 Artistic skill                                 20 points

3.3.4 Content                                        20 points

#### 4. Criteria for determining awards:

Competitors who achieve a score of **80 points** or more will receive gold medal certificates.

Competitors who achieve a score of **70-79 points** will receive silver medal certificates.

Competitors who achieve a score of **60-69 points** will receive bronze medal certificates.

**The judges’ decision will be final.**

**Competition coordinator:** Mr. Ampan Binabdulruman Tel. +668-3171-0277

Poster color drawing Competition, Grade 7-9 (Lower Secondary Level)

And Grade 10-12 (Upper Secondary Level)

PCSHSST Academic Festival and Science Fair 2019

1. Eligibility:

Poster color drawing competition has two levels:

- 1.1 Students who are studying in Grade 7-9 (Lower Secondary Level)
- 1.2 Students who are studying in Grade 10-12 (Upper Secondary Level)

2. Category and number of competitors:

- 2.1 Individual competitor
- 2.2 Each school can send only one student to participate in the competition

3. Competition details:

- 3.1 Competitors must draw conveying the meaning of “**Future world**”

(Fluorescent poster colors are not allowed.)

- 3.2 Competitors must bring drawing equipment **except** drawing paper.

3.3 Criteria

- |       |                     |           |
|-------|---------------------|-----------|
| 3.3.1 | Painting techniques | 30 points |
| 3.3.2 | Creativity          | 30 points |
| 3.3.3 | Artistic skill      | 20 points |
| 3.3.4 | Content             | 20 points |

4. Criteria for determining awards:

Competitors who achieve a score of **80 points** or more will receive gold medal certificates.

Competitors who achieve a score of **70-79 points** will receive silver medal certificates.

Competitors who achieve a score of **60-69 points** will receive bronze medal certificates.

**The judges’ decision will be final.**

**Competition coordinator:** Mr. Ampan Binabdulraman Tel. +668-3171-0277