

# ICT PROGRAMME 2016-2017

## SPECIALIST OVERVIEW: EY

### ICT with Mr. Eric

ICT classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software and apps designed for learning and having fun. These programs are chosen to compliment the learning done in class enabling them to practice their thinking, vocabulary, mathematical and logical skills. The aim is to help students feel comfortable using electronic devices; become independent while using them and be able to share their knowledge with others.

#### **ICT this term:**

**Enduring Understanding:** Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.

Students will:

- apply existing knowledge to generate new ideas and show previous learning
- create original works as a means of personal or group expression.
- use models and simulations to explore the world around them

<b>What do we want children to learn?</b>	<b>How best will children learn?</b>	<b>How will we know what children have learned?</b>
Understand that electronic devices can represent real or imaginary situations.  Explore simple simulations and find out ‘what happens if...’  Use multimedia software and online environments.  Be aware that they can interact with multimedia software to make something happen on screen.	Use models and simulations to explore complex systems and issues.  Use multimedia environments to develop co-ordination.  Use multimedia environments to develop literacy and numeracy knowledge.  Use multimedia environments to problem solve and find out what happens if...	Understand that electronic devices can represent real or imaginary situations.  Inquire what happen when they interact with electronic devices using fingers or the mouse.  Be able to select the correct application or software on multiple electronic devices.

#### New for 2016-2017

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We will mainly use ipads in the first term but the students will use computers a few times as well.

If you have any further questions relating to ICT at KIS email [eric@kis.ac.th](mailto:eric@kis.ac.th)

## **SPECIALIST OVERVIEW: KG**

### **ICT with Mr. Eric**

ICT classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software and apps designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the computer for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit:**

- Open and use multiple applications.
- Log into network using own username and password.
- Respond to messages displayed on the monitor with assistance.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with ipad operations.
- Independently, startup and shut down computer correctly.

#### **New for 2016-2017**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now have two full class sets which will provide many opportunities for students to be assisted in their learning through the technology.

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# **Specialist Overview: Grade 1**

## **ICT with Mr. Eric**

Computer classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the device for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit.**

- Understand the desktop, window manipulation, zoom box, close box, resize box, finder/program manager, application/finder menu.
- Open and use multiple applications.
- Save files to different locations.
- Use file management including file, delete, copy, rename.
- Locate required files on server.
- Log into network using own username and password.
- Respond to messages displayed on the monitor with assistance.
- Identify and use the printer and other ports.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with ipad operations.
- Turn on and unlock an ipad.
- Independently, startup and shut down computer correctly.

#### **New for 2016-2017**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now have two full class sets which will provide many opportunities for students to be assisted in their learning through the technology.

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## **SPECIALIST OVERVIEW: G2**

### **ICT with Mr. Eric**

Computer classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the device for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit.**

- Understand the desktop, window manipulation, zoom box, close box, resize box, finder/program manager, application/finder menu.
- Open and use multiple applications.
- Save files to different locations.
- Use file management including file, delete, copy, rename.
- Log into network using own username and password.
- Respond to messages displayed on the monitor with assistance.
- Identify and use the printer and other ports.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with ipad operations.
- Independently, startup and shut down computer correctly.

#### **New for 2016-2017**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now have four sets which will provide many opportunities for students to be assisted in their learning through the technology.

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## **SPECIALIST OVERVIEW: G3**

### **ICT with Mr. Eric**

Computer classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the computer for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit.**

- Understand the desktop, window manipulation, zoom box, close box, resize box, finder/program manager, application/finder menu.
- Open and use multiple applications.
- Save files to different locations.
- Use file management including file, delete, copy, rename.
- Respond to messages displayed on the monitor with assistance.
- Identify and use the printer and other ports.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with ipad operations.
- Turn on and unlock an ipad.
- Independently, startup and shut down computer correctly.

#### **New for 2016-2017**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now have four sets which will provide many opportunities for students to be assisted in their learning through the technology.

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## **Specialist Overviews Grade: 4**

### **ICT with Mr. Eric**

Computer classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the computer for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit.**

- Understand the desktop, window manipulation, zoom box, close box, resize box, finder/program manager, application/finder menu.
- Open and use multiple applications.
- Save files to different locations.
- Use file management including file, delete, copy, rename.
- Respond to messages displayed on the monitor with assistance.
- Identify and use the printer and other ports.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with ipad operations.
- Turn on and unlock an iPad.
- Independently, startup and shut down computer correctly.

#### **New for 2016-2017**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now also have Chromebooks which will provide many opportunities for students to be assisted in their learning through the technology.

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## **SPECIALIST OVERVIEWS: G5**

### **ICT with Mr. Eric**

Computer classes will be integrated with connections to the Units of Inquiry as much as possible. Students will be using educational software designed for learning and for the presentation of their studies. Students will develop knowledge of multiple electronic devices and how they can be used to assist them in their learning. They will learn to incorporate images and text into a document; how to use the computer for data handling and how to effectively present their ideas. Students learn to become independent when logging on and off the computer opening programs, and saving and retrieving their work.

### **ICT this term: Technology Operations and Concepts**

#### **Enduring Understanding:**

Students demonstrate a sound understanding of technology concepts, systems, and operations.

#### **Students will:**

- a. Understand and use technology systems
- b. Select and use applications effectively and productively
- c. Troubleshoot systems and applications
- d. Transfer current knowledge to learning of new technologies

#### **Benchmarks Covered this Unit.**

- Understand the desktop, window manipulation, zoom box, close box, resize box, finder/program manager, application/finder menu.
- Open and use multiple applications.
- Save files to different locations.
- Use file management including file, delete, copy, rename.
- Respond to messages displayed on the monitor with assistance.
- Identify and use the printer and other ports.
- Use a presentation system (data display projector).
- Multi task between apps.
- Use touch controls and gestures associated with iPad operations.
- Turn on and unlock an iPad.
- Independently, startup and shut down computer correctly.

#### **New for 2014-2015**

With the ongoing success of the iPads, we have acquired new carts of iPads to be used by both the I.T Specialist and Homeroom teachers. We now also have Chromebooks which will provide many opportunities for students to be assisted in their learning through the technology.

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