



# Dominican International School

## ICT-Information and Communication Technology Syllabus



Grade level/ Section: Kindergarten  
Course Duration: 1 Year S.Y. 2022-2023

Teacher: Ms. Mary Grace L. Crisostomo  
email: mgcrisostomo@dishs.tp.edu.tw

## COURSE DESCRIPTION

### Basic Computer Education for Kindergarten

The course will further increase and enhances the psychomotor and cognitive development of the students by gaining knowledge about different computer software applications and hardware-related uses and purpose. Our world at present operates using Information and Communications Technology (ICT). It has been changing various areas in the lives of many that will continue in the future.

### Books/e-books/Reference

REFERENCE: The Amazing World of Computer by Phoenix Publishing House and Clifford P. Esteban, D Whiz in Basic Computing Skills Copyright 2014 by Innovative Training Works, Inc.

REFERENCE/LINKS: [gcflearning.org](http://gcflearning.org)

### Student Materials Required:

- ✓ Portfolio
- ✓ Pencil, eraser
- ✓ Paper/Notebook
- ✓ USB Flash drive

**SLO-ESLRs D'TORCH** (Truthful, Organized, Reflective, Courageous, and Helpful)  
ICT 6 classes the categories of the D'TORCH most practiced and assessed are:

- Truthful
- Organized
- Reflective
- Courageous
- Helpful

## Course Goal / Thinking and play

- The students will identify and describe the modern forms of ICT tools.
- The students will differentiate the basic parts of the computer system.
- The students will identify the parts of the keyboard and the mouse.
- The students will demonstrate appreciation for the usefulness of the mouse when working on the computer
- The students will appreciate the importance of using the internet in everyday life.
- The students will be familiar with proper behavior while using the internet.
- The students will be familiar with Proper keyboarding technique
- The students will be familiar with Proper mouse movement (Click, Drag, and Drop)
- The students will demonstrate the ability to use coding (set of instructions and command)

## 1<sup>ST</sup> SEMESTER – TENTATIVE COURSE CONTENT

<i>(NB: Depending on time and interest, the teacher may delete and/or add other selections.)</i>	
Week / Date	Topic / Projects / Assessments
<b>THE COMPUTER SYSTEM AND ITS ACCESSORIES</b>	
<b>Week 1</b> <b>Aug 10<sup>th</sup> to 12<sup>th</sup></b> <b>3 Days of Class</b> <i>10~ First Day / Orientation Day</i>	<b>Computer Do's and Don'ts</b>
<b>Week 2</b> <b>Aug 15<sup>th</sup> to 19<sup>th</sup></b> <i>Opening Mass</i>	<b>The Computer Components</b>
<b>Week 3</b> <b>Aug 22<sup>nd</sup> to 26<sup>th</sup></b>	<b>The Computer Output System</b> ➤ Monitor ➤ Printer ➤ Headphones ➤ Computer Speakers ➤ Projector ➤ GPS ➤ Sound card ➤ Video card ➤ Braille reader
<b>Week 4</b> <b>Aug 29<sup>th</sup> to Sep 2<sup>nd</sup></b>	
<b>Week 5</b> <b>Sep 5<sup>th</sup> to 9<sup>th</sup></b> <b>4 Days of Class</b> <i>8~ Mass &amp; Birthday Mother Mary</i> <i>9<sup>th</sup> – Moon Festival</i>	
<b>Week 6</b> <b>Sep 12<sup>th</sup> to 16<sup>th</sup></b> <b>FYI – Pre-Exam Days</b>	
<b>Week 7</b> <b>Sep 19<sup>th</sup> to 23<sup>rd</sup></b>	
<b>Week 8</b> <b>Sep 26<sup>th</sup> to 30<sup>th</sup></b> <b>2 Days of Class</b> <i>28-30 ~Teacher's Conference</i>	
<b>Week 9</b> <b>Oct 3<sup>rd</sup> to 7<sup>th</sup></b> <b>3 Days of Class</b> <i>6-7 ~Q1 Exams</i>	

	<ul style="list-style-type: none"> <li>➤ Speech Synthesizer</li> <li>➤ Plotter</li> <li>➤ Touchscreen</li> </ul>
--	--

*(NB: Depending on time and interest, the teacher may delete and/or add other selections.)*

Week / Date	Topic / Projects / Assessments
<b>The Computer Input System</b>	
<b>Week 1 (10)</b> <b>Oct 10<sup>th</sup> to 14<sup>th</sup></b> <b>4 Days of Class</b> <i>10 – Double 10 Holiday</i>	<ul style="list-style-type: none"> <li>➤ Keyboard</li> </ul>
<b>Week 2 (11)</b> <b>Oct 17<sup>th</sup> to 21<sup>st</sup></b>	<ul style="list-style-type: none"> <li>➤ Mouse</li> </ul>
<b>Week 3 (12)</b> <b>Oct 24<sup>th</sup> to 28<sup>th</sup></b> <i>25-27 – Book Fair</i> <i>28- Masquerade Night</i> <i>TBA-Holy Rosary Mass</i>	<ul style="list-style-type: none"> <li>➤ Joy Stick</li> <li>➤ Light pen</li> </ul>
<b>Week 4 (13)</b> <b>Oct 31<sup>st</sup> to Nov 4<sup>th</sup></b> <i>1-All Saint's Day Mass</i>	<ul style="list-style-type: none"> <li>➤ Track Ball</li> </ul>
<b>Week 5 (14)</b> <b>Nov 7<sup>th</sup> to 11<sup>th</sup></b>	<ul style="list-style-type: none"> <li>➤ Scanner</li> </ul>
<b>Week 6 (15)</b> <b>Nov 14<sup>th</sup> to 18<sup>th</sup></b>	<ul style="list-style-type: none"> <li>➤ Graphic Tablet</li> </ul>
<b>Week 7 (16)</b> <b>Nov 21<sup>st</sup> to 25<sup>th</sup></b> <i>25 - YSC Contest</i> <i>25-Gr.12 Q2 Exam</i>	<ul style="list-style-type: none"> <li>➤ Microphone</li> </ul>
<b>Week 8 (17)</b> <b>Nov 28<sup>th</sup> to Dec 2<sup>nd</sup></b> <b>FYI – Pre-Exam Days</b> <i>28-Gr.12 Q2 Exam</i>	<ul style="list-style-type: none"> <li>➤ Magnetic Ink Card Reader(MICR)</li> <li>➤ Optical Character Reader(OCR)</li> </ul>
<b>Week 9 (18)</b> <b>Dec 5<sup>th</sup> to 9<sup>th</sup></b> <i>8 - Foundation Day Celebrations</i>	<ul style="list-style-type: none"> <li>➤ Bar Code Reader</li> </ul>
<b>Week 10 (19)</b> <b>Dec 12<sup>th</sup> to 16<sup>th</sup></b> <b>3 Days of Class</b> <i>15-16 ~Q2 Exams</i>	<ul style="list-style-type: none"> <li>➤ Optical Mark Reader(OMR)</li> </ul> <p style="text-align: center; color: #00aaff;">1<sup>ST</sup> SEMESTER EXAM</p>
<b>Dec 19<sup>th</sup> to Jan 2<sup>nd</sup></b>	<b>Christmas Break</b>

## Course Goal / Thinking and play

- The students will identify the tool for MS Paint
- The students will differentiate MS paint tools' functions and uses.
- The students will identify shapes, letters, numbers, and more using MS paint.
- The students will demonstrate appreciation for the usefulness of the MS Paint 11
- The students will be familiar with saving an MS Paint document
- The students will remember on how to apply colours and text on MS Paint Document.
- The students will create various activities with creativity using MS Paint 11

## 2<sup>nd</sup> SEMESTER – TENTATIVE COURSE CONTENT

<i>(NB: Depending on time and interest, the teacher may delete and/or add other selections.)</i>	
Week / Date	Topic / Projects / Assessments
<b>The Microsoft Paint 11</b>	
<b>Week 1 (20)</b> <b>Jan 5 to 6<sup>th</sup></b> <b>2 Days of Class</b>	<b>The MS Paint Interface</b>
<b>Week 2 (21)</b> <b>Jan 9<sup>th</sup> to 13<sup>th</sup></b>	<b>The MS Tools and Functions</b> <ul style="list-style-type: none"> <li>➤ Free-From Select</li> <li>➤ Select</li> <li>➤ Eraser</li> <li>➤ Fill with colour</li> <li>➤ Pick Colour</li> <li>➤ Magnifier</li> <li>➤ Pencil</li> <li>➤ Brush</li> <li>➤ Air Brush</li> <li>➤ Text</li> <li>➤ Line</li> <li>➤ Curve</li> <li>➤ Rectangle</li> <li>➤ Polygon</li> </ul>
<b>Week 3 (22)</b> <b>Jan 16<sup>th</sup> to 20<sup>th</sup></b> <b>Jan 23<sup>rd</sup> to 27<sup>th</sup></b> <b>Chinese New Year</b>	
<b>Week 4 (23)</b> <b>Jan 30<sup>th</sup> to Feb 3<sup>rd</sup></b>	
<b>Week 5 (24)</b> <b>Feb 6<sup>th</sup> to 10<sup>th</sup></b>	
<b>Week 6 (25)</b> <b>Feb 13<sup>th</sup> to 17<sup>th</sup></b>	
<b>Week 7 (26)</b> <b>Feb 20<sup>th</sup> to 24<sup>th</sup></b> <i>20-24 ~IOWA</i> <i>22 ~ Ash Wednesday Mass</i> <i>21-23 ~ Pre-Exam Days</i>	
<b>Week 8 (27)</b> <b>Feb 27<sup>th</sup> to March 3<sup>rd</sup></b> <b>3 Days of Class</b> <i>27-28 ~ 228 Memorial Day Holiday</i>	
<b>Week 9 (28)</b> <b>March 6<sup>th</sup> to 10<sup>th</sup></b> <b>4 Days of Class</b>	

(NB: Depending on time and interest, the teacher may delete and/or add other selections.)

Week / Date	Topic / Projects / Assessments
<b>The Microsoft Paint 11</b>	
<b>Week 1 (29)</b> <b>March 13<sup>th</sup> to 17<sup>th</sup></b> <b>4 Days of Class</b> <i>13 – Q3 Exams</i> <i>14~ Q4 Begins</i>	<p style="text-align: center;"><b>MS Paint Working Space and Tools Application</b></p> <ul style="list-style-type: none"> <li>➤ Saving a Document ( MS Paint)</li> </ul>
<b>Week 2 (30)</b> <b>March 20<sup>th</sup> to 24<sup>th</sup></b> <i>20 ~ Fire Drill</i>	<ul style="list-style-type: none"> <li>➤ The Primary Colours</li> </ul>
<b>Week 3 (31)</b> <b>March 27<sup>th</sup> to 31<sup>st</sup></b>	<ul style="list-style-type: none"> <li>➤ The Shapes</li> </ul>
<b>Apr 3<sup>rd</sup> to 14<sup>th</sup></b> <b>Easter Break</b>	<ul style="list-style-type: none"> <li>➤ Text and Colours</li> </ul>
<b>Week 4 (33)</b> <b>Apr 17<sup>th</sup> to 21<sup>st</sup></b>	<ul style="list-style-type: none"> <li>➤ Numbers and Colors</li> </ul>
<b>Week 5 (34)</b> <b>Apr 24<sup>th</sup> to 28<sup>th</sup></b> <i>24-28 ~ AP Mock Exams</i>	<ul style="list-style-type: none"> <li>➤ Shapes and Text</li> </ul>
<b>Week 6 (35)</b> <b>May 1<sup>st</sup> to 5<sup>th</sup></b> <i>2-4~ Pre-Exam</i> <i>1-5~ Final Exams (K, 5, 8, 12 only)</i> <i>1-5 ~ AP Exams</i>	<ul style="list-style-type: none"> <li>➤ Shapes and Numbers</li> <li>➤ Numbers and Colours</li> </ul>
<b>Week 7 (36)</b> <b>May 8<sup>th</sup> to 12<sup>th</sup></b> <i>8-12~ Final Exams(K, 5, 8, 12 only)</i> <i>1-5 ~ AP Exams</i>	<ul style="list-style-type: none"> <li>➤ Shapes and Colours</li> </ul>
<b>Week 8 (37)</b> <b>May 15<sup>th</sup> to 19<sup>th</sup></b> <b>3 Days of Class</b> <i>18-19~ Q4 Exams</i>	<ul style="list-style-type: none"> <li>➤ Complex Shapes and Colours</li> </ul>
<b>Week 9 (38)</b> <b>May 22<sup>nd</sup> to 26<sup>th</sup></b> <b>4 Days of Class</b> <i>22~ Record Day</i> <i>23-26 ~ Student Clearance</i>	<p style="color: #00BFFF;">2<sup>nd</sup> SEMESTER EXAM</p>
<b>Week 10 (39)</b> <b>May 29<sup>th</sup> to June 2<sup>nd</sup></b> <b>4 Days of Class</b> <i>1 ~ Students Last Day</i> <i>2~ Teachers/Staff Meeting</i>	