# IPK PYP Technology Expectations 2020-21

Here in the 21st Century, there is no escaping the exponential rise in technological innovation and its resulting application and broad scale impact on society. Now, more than ever, digital literacy as a skillset is paramount in navigating one's way through this "Technological Revolution."

The PYP aims to embed Information Communication Technologies (ICT) as an integrative tool within the daily teaching and learning framework of the PYP curriculum, rather than as a stand-alone subject. In doing so, ICT provides opportunities for the enhancement of learning, and significantly supports students in their inquiries, and in developing their conceptual understandings.

The following six ICT skills are relevant to all learners. Each skill is transdisciplinary and will support learning within the units of inquiry and subject areas:

- Investigating
- Creating
- Communicating
- Collaborating
- Organising
- Becoming responsible digital citizens

In order to develop these skills, experiences and competencies with technology, there are also six key areas of focus in ICT embedded within the PYP curriculum:

- E-Safety & Digital Citizenship
- Communication & Collaboration
- Research
- Data Handling
- Programming and Control
- Modelling and Simulations

**Beginning Sept 2020….**
All students in grades 2-5, will receive a loaned Chromebook from the school to use for their learning throughout the year. We anticipate the arrival of these at the end of September. Students will be required to bring these to school every day as well as using them at home. All assignments will be submitted via Google Classroom (GC).

**For Pre-K to Grade 1**, IF distance learning is required we will be using the Google 'virtual' classroom platform.

**For Grades 2, 3, 4, and 5**, a Blended Learning approach will be used. Please note the following in this regard:

- We will use Google's G Suite for Education as a learning platform. The G Suite includes multiple tools including Classroom, Gmail, Docs, Slides, and Sheets, etc. Other online tools will also be used depending upon grade of your child.
- The teacher while teaching in-class will be connected to students that are home through Google Meet video conferencing. Students attending from home will see the same lesson content on their computers that students will see projected on the screen in the class.
- All in-class and home work will be assigned and graded through Google Classroom. Other than books that are provided by the school, paper will not be exchanged with teacher or with other students, and no printed notes will be provided.
- Google Classroom will also be used for feedback on learning.
- Students need to have access to a computer with a microphone and speakers at home and in class.
- Although Google Classroom will be the main platform for Teaching and Learning, ClassDojo will continue to be used for communications with parents.
- Your child will be provided with an email id and password to login to G Suite for Education. If your child was at RAK Academy last year, she/he may already have the credentials for G Suite. If your child does not have credentials, please get in touch with IT team at RAK Academy (IT@rakacademy.org).
- For end of term reports, ISAMS iParent App will be used. If your child was a student in the last academic year, you may already have installed and used the app. If your child is new to RAK Academy or if you have not installed the iParent app yet, please get in touch with Data Team at RAK Academy through email (data.management@rakacademy.org).

Please be reminded that the use of teaching and learning resources by all students, parents, and staff is subject to our e-Safety and Cybersecurity that can be found here: https://www.rakaonline.org/academy-policies