



مكتب بين المللى كاردان
KARDAN INTERNATIONAL SCHOOL

COURSE CATALOGUE

2019 – 2020



Kardan International School

Kardan International School is Afghanistan's first and only digital school. The school brings together international best practices in the education sector and combines them with local expertise to respond to the growing demand for quality education in the country. Kardan International School offers international curriculum, mixed faculty of teachers, and expert school management to nurture student growth. This Catalogue lists courses offered to our students during the academic year.

Curriculum Composition

At Kardan International School academic excellence and student growth are nurtured through dynamic and innovative teaching in a multitude of disciplines to develop intellectual and personal potential. Our approach to curriculum selection is based on the following principles:

1. Ensure access to international best practices and latest innovation in school curriculum and content.
2. Technology integration in delivery methods, and digitization of content.
3. Responsiveness to local regulations and market needs.
4. Pedagogical Innovation through access to information and teacher training.

This approach has enabled us to integrate McGraw Hill content in Sciences, Mathematics, Technology, and English with core national Afghan content in Islamic Studies and local languages. We offer our students the ability to choose what they learn. Kardan International School offers a suite of courses that allows our students to pursue their desired learning path through selection of courses. Our courses are offered in three categories:

- National core subjects mandated by the Ministry of Education.
- International core courses such as Sciences, Math and Technology.
- Enrichment courses that supplement and augment different student learning paths.

Preparation Programs

Students entering Kardan International School may enroll in a variety of morning and afternoon academic and enrichment classes. Courses are designed to meet students' needs not only in preparation for the regular school year, but to enrich their knowledge and curiosity through engaging curriculum and interactive learning environments.

KIS preparation programs focus on building core competencies among students entering the school in grades 3 and above in Science, Mathematics and Technology.



KIS Pre-School Program

At Kardan International School we believe a child's pre-school experience is the foundation upon which all future schooling builds. If children experience learning as joyful, relevant and valuable, they will develop a positive attitude toward education. Our dedicated and experienced teachers use best practices in teaching and international standard curriculum to plan and execute student learning. Our pre-school program emphasizes the development of our students in a holistic manner considering their intellectual, social, emotional and physical aspects of their development.

Enrollment in our pre-school program is accepted in 3 levels: Playgroup, Nursery, and Kindergarten. All 3 levels of our pre-school program emphasize the importance of play as an integral part of a child's development. Our pre-school students are able to inquire, explore, and discover different areas both indoors and outdoors by doing free flow, continuous provision, student led and adult led activities.

Each child in our pre-school program is a member of a homeroom where they convene in the morning, the homeroom is a place where students develop strong relationships with our dedicated teachers and their classmates, and where they contribute to creating a community of belonging and learning.

In addition to homeroom class time, daily outdoor play and lunch, students also engage in learning with highly qualified specialist teachers in some or all of the following courses depending on student interests:





<p>Language and Literacy – This is a customized course that helps our pre-school students build basic competency and literacy in English, Dari, and Pashto. Through digital and mixed content students engage basic literacy in fun and engaging environment.</p>	<p>Robotics & AI – This course is based on photon robotics technology and education program for early year students. This course is designed to help students gain familiarity with AI and future technology.</p>	<p>Islamic Education – This course builds on Ministry of Education standards and teaches the basic principles of Islamic education and Quranic learning. Students will engage Islamic education in a respectful and fun way through customized and digital content.</p>	<p>Music – This course is tailored to help students engage musical instruments in a fun and creative learning environment. Student will have the opportunity to be familiarized with different types of digital technology and applications.</p>
<p>Arts and Crafts – This course is customized to foster creativity among students. This course engages students in critical thinking skills by through design and practical activities.</p>	<p>Technology – This course is created to enhance creative technology techniques at a beginner level to familiarize students with different components of computing.</p>	<p>Life Skills – This course is tailored to improve critical thinking through focus and self control, taking on challenges, making connections, and communications skills.</p>	<p>Mathematics – This course is customized to help our pre-school students create major math strands. Through digital content students will have the opportunity to play around with numbers, shapes, and operations.</p>

Primary School

At Kardan International School, primary years consist from grade 1 to 5. Courses offered in our primary school focus on building the foundations of academic excellence. All courses are offered through digital content. Unless otherwise specified, all courses are offered in English.

Course Load					
Grade	1	2	3	4	5
Core Subjects					
English	6	6	6	6	6
Science	6	6	6	6	6
Mathematics	6	6	6	6	6
Technology	3	3	3	3	3
Total	21	21	21	21	21
National Subjects					
Dari & Pashto	8	8	8	8	8
Islamic Education	3	3	3	3	3
Total	11	11	11	11	11
Enrichment Subjects					
Logic, Design & Creativity	2	2	2	1	1
Robotics & Artificial Intelligence	1	1	1	1	1
Arts	3	3	3	2	2
Digital Arts	2	2	2	2	2
Foreign Languages	0	0	0	1	1
Social Studies	0	0	0	1	1
Athletics & Physical Education	2	2	2	2	2
Total	10	10	10	10	10
Grand Total	42	42	42	42	42



Course Descriptions

English: English is one of the core subjects at Kardan International School. Our English program is based on McGraw Hill Wonders program and is offered through digital content. The KIS English program encourages students to read different types of literature, learn writing skills and grammar at a high competency level.

Science: Science is a core subject which covers approximately 14 percent of the students' course load. Our Science program is based on McGraw Hill Inspire Science series and is offered through digital content. At Kardan International School, Science courses are designed to teach students about plants, animals, the use of energy, earth, and machinery. This will improve students thinking ability, and spark curiosity to be the next generation of innovator and inventors.

Mathematics: Mathematics is considered a core subject in Kardan International School. KIS math programs are based on McGraw Hill Reveal Math program. The program focuses on teaching values, addition, subtraction, multiplication and division, also graphing, time, and money to provide a fundamental base for problem solving and creative thinking and problem solving.

Technology: This is a customized course offered to all students at Kardan International School. Our technology program focuses on building the foundations in understanding fundamentals of computing, programming, innovating and creativity. This will help the students to specialize in technology orientation from an early age and develop critical computing skills.

Dari and Pashto: Kardan International School takes pride in providing high quality content in our Dari and Pashto classes that builds on Ministry of Education standards. This course covers approximately 1/5 of a students' course load and is delivered through digital and non-digital content. The KIS Dari and Pashto program focuses on building core literacy and competency among our students.

Islamic Education: Islamic Education is a core subject that covers both Holy Quran and content in Islamic education. This course builds on the Ministry of Education standards and is offered through mixed digital and non-digital formats. Our expert teachers implement a range of activities that make Islamic education fun and appealing to students.

Logic, Design & Creativity: This is a customized course that is offered to all primary level students. The course utilizes different types of activities to instill critical thinking, creative thinking, and problem-solving skills among students. Our teachers draw on years of experience to provide students learning opportunities through a variety of content.

Robotic & Artificial Intelligence: This is a customized course offered to all primary level students at Kardan International School. The foundation for this course is offered by photon robotic technology that exposes children to the world of new technology through experiments and experience. KIS teachers will focus on improving students thinking ability by helping them develop skills such coding and basic programming. Photon offers great content as it reflects on developing a robot through tasks and experiments and refers to real world problems.

Arts: At Kardan International School, Arts is an essential tool of learning. Our expert teachers focus on different types of art such as music and movies. This course also provides a chance for students who have passion for arts to keep them engaged in that environment at a young age and create a fun time to enjoy learning in school.

Digital Arts: This is a customized course that helps students learn at a basic level technological tools and applications to pursue their artistic passions. Through this course students learn to edit sounds, photos, and clips, through applications such as Photoshop, Illustrator and other appropriate software. This course will build essential competencies among our students in the use of artistic technologies and will improve their creativity skills at a young age and keep them interested in advancing their technical and artistic skills.

Foreign Languages: This is a new course tailored for KIS students to learn important foreign languages based on their interests. Students will engage Arabic, Mandarin, Turkish, French, and German languages at a basic competency level. These courses are offered using digital content and draws on a vast array of content to offer students customized learning paths.

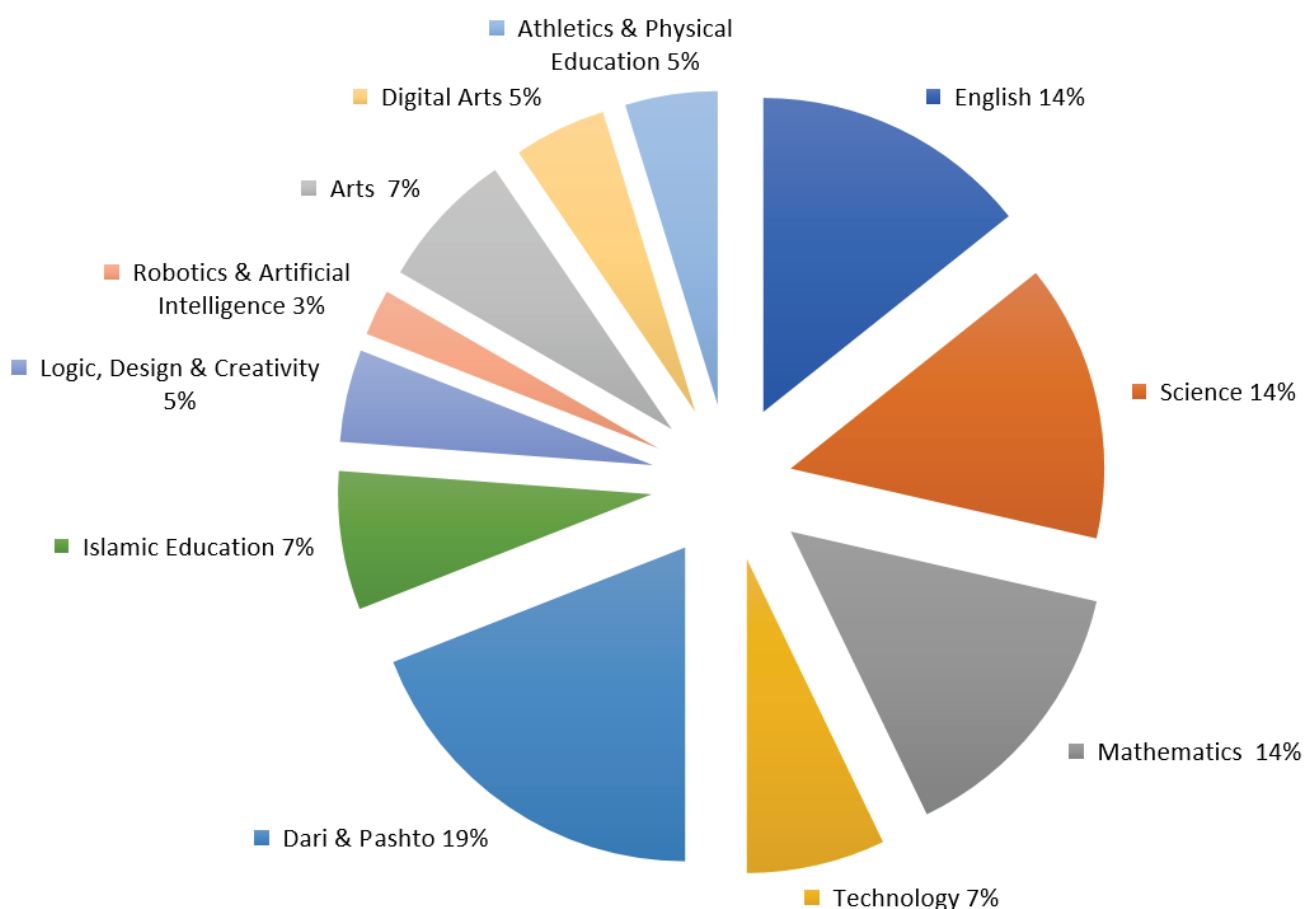
Social Studies: This course builds on international and national content to enable students to explore and discover social phenomenon at a basic level. With a focus on geography, civic studies, history, and the environment, this course will shape students from a young age to be ethical and better citizens.

Athletics & Physical Education: Athletics and Physical Education is essential at Kardan International School. Physical education will be led by expert athletic teachers to improve physical ability of students from a young age. This class is essential as it will provide a break for student minds and keep them motivated to lead a healthy life style. This course allows for structured and semi-structured sports activities.

Grade 1

Grade 1 students at Kardan International School engage in a variety of learning and fun activities that include course work as well as structured and semi-structured activities. Grade 1 students are usually 7 years old at KIS. They engage in full day of activities and are generally not assigned any homework. The following illustration demonstrates the course activities for our Grade 1 students. Student course activities are supplemented by special programming offered to all students.

Grade 1 Course Distribution

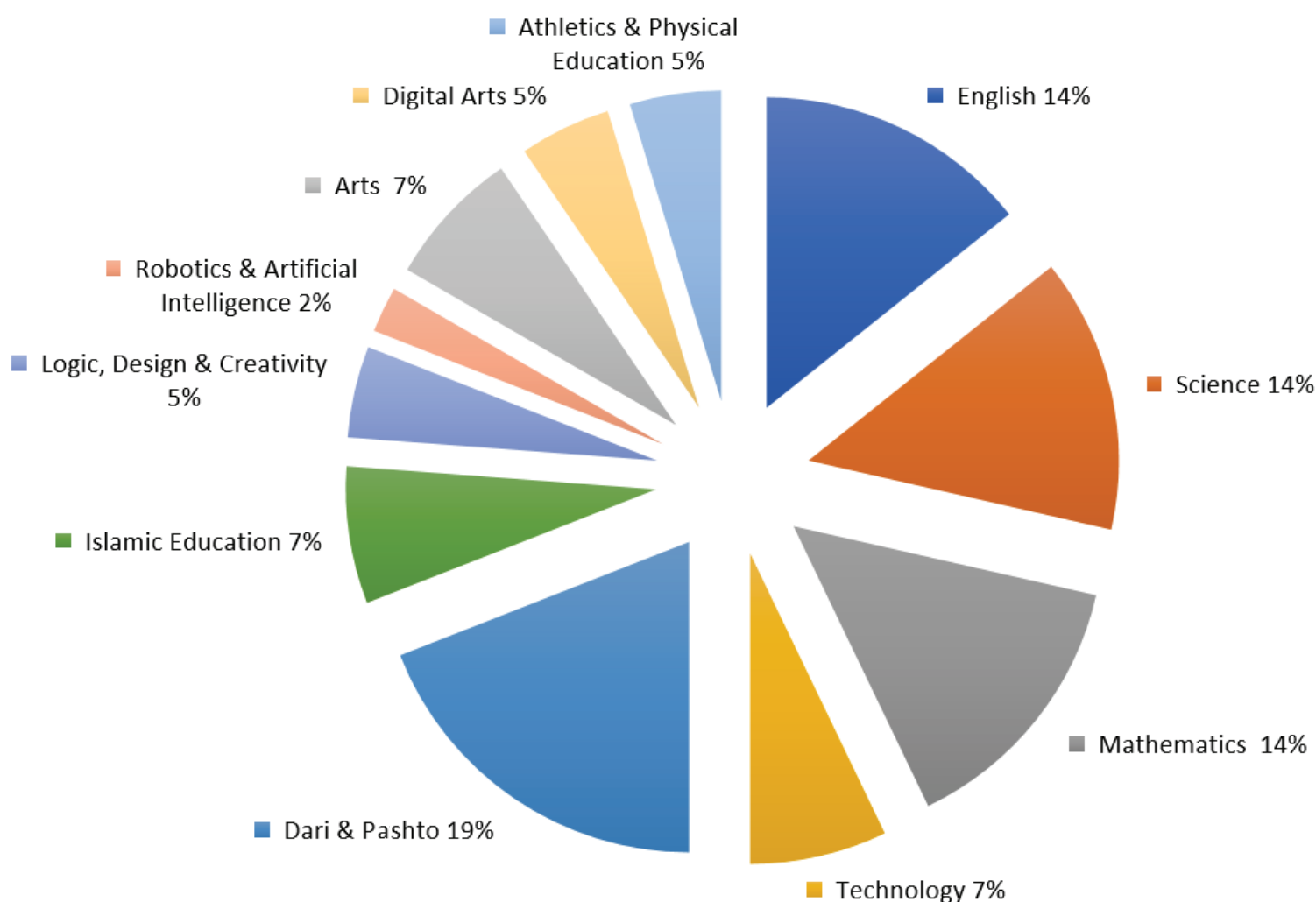




Grade 2

Grade 2 students at Kardan International School undertake a variety of learning activities including coursework to build the foundations for future schooling. Students in grade 2 undertake a higher percentage of course activities. Grade 2 students are usually 8 years old at KIS. They engage in full day of activities and are generally not assigned any homework. The following illustration demonstrates the course activities for our Grade 2 students. Student course activities are supplemented by special programming offered to all students.

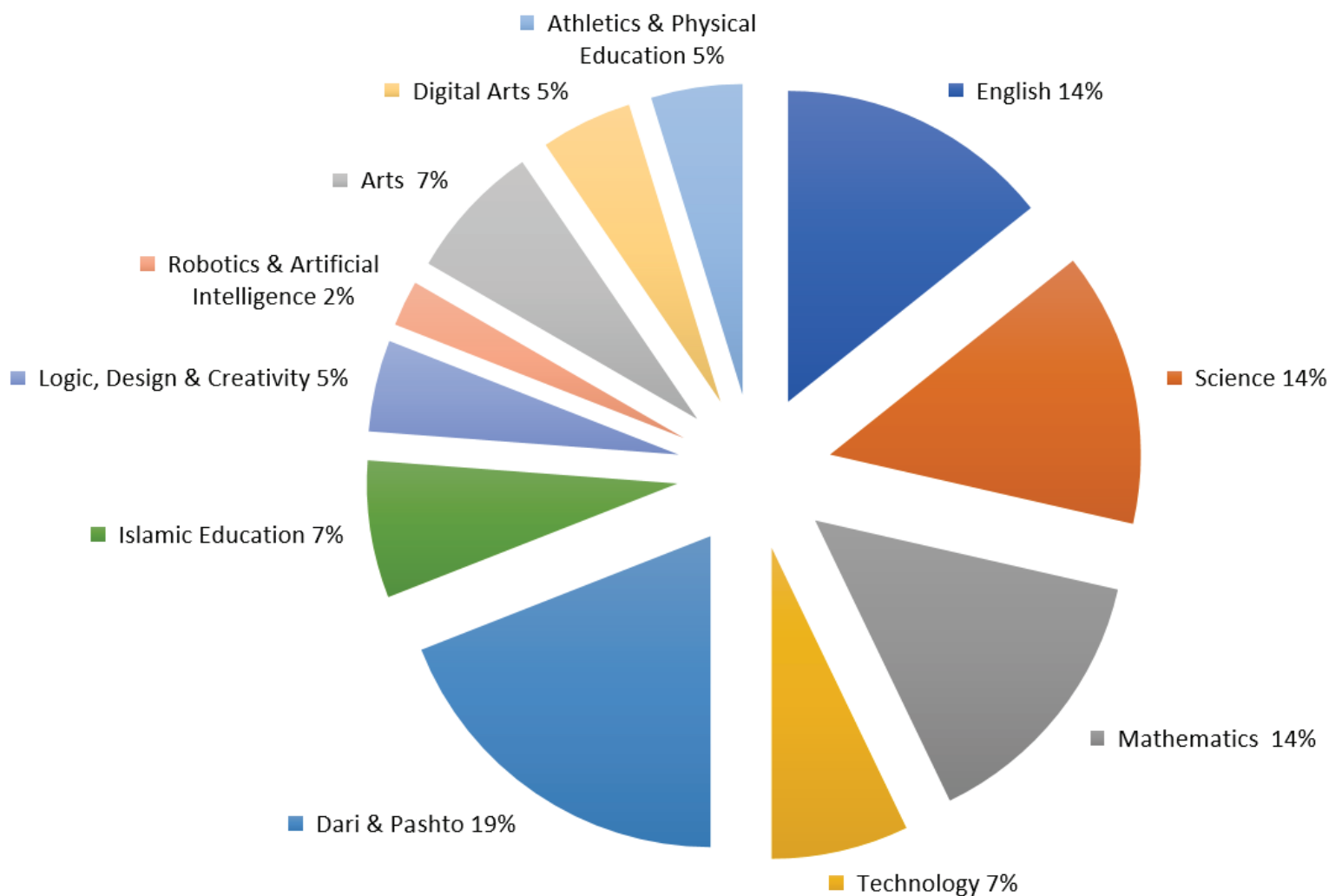
Grade 2 Course Distribution



Grade 3

Grade 3 students at Kardan International School start engaging a higher amount of course work. Through structured course work students explore more challenging subjects and begin to exhibit their preferred learning path. Grade 3 students are usually 9 years old at KIS. They engage in full day of activities and begin to take homework. The following illustration demonstrates the course activities for our Grade 3 students. Student course activities are supplemented by special programming offered to all students.

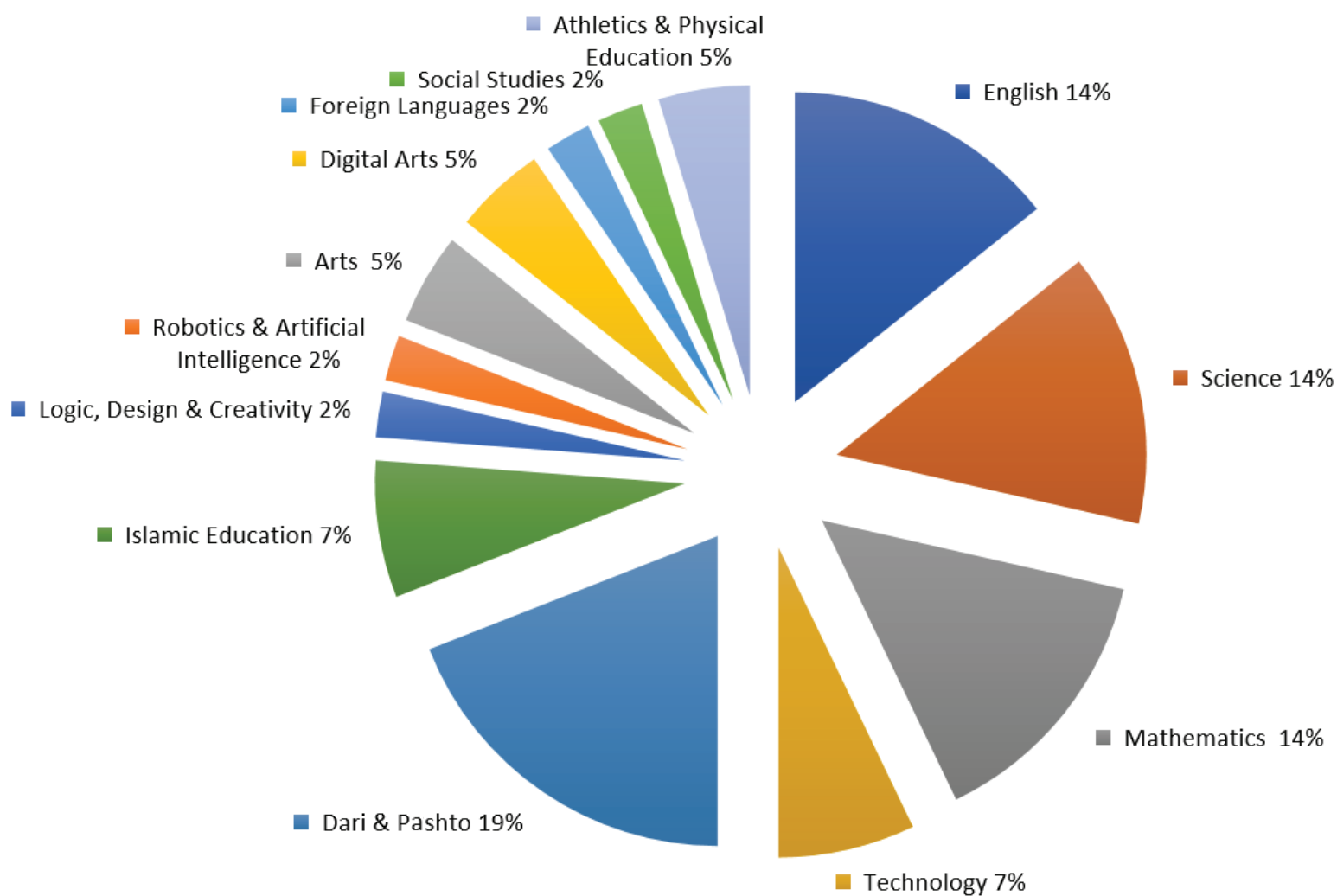
Grade 3 Course Distribution



Grade 4

Grade 4 students at Kardan International School take the full course load offered to primary students including foreign languages and social studies. Through structured course work students follow their individual learning paths at the stage of their schooling. Grade 4 students are usually 10 years old at KIS. They engage in full day of activities and are assigned homework. The following illustration demonstrates the course activities for our Grade 4 students. Student course activities are supplemented by special programming offered to all students.

Grade 4 Course Distribution

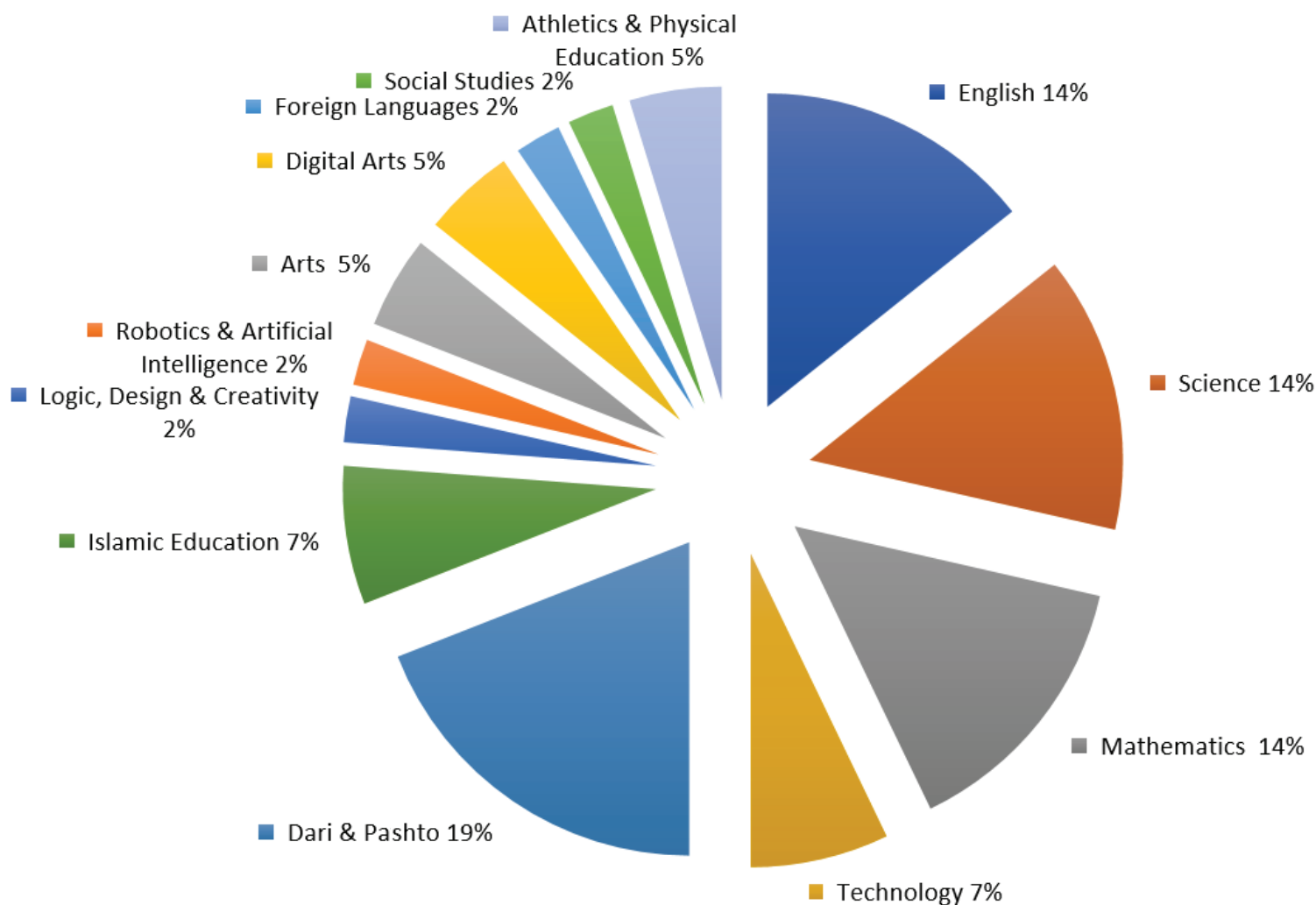




Grade 5

Grade 5 students at Kardan International School take the full course load offered to primary students including foreign languages and social studies. Through structured course work students follow their individual learning paths at this stage of their schooling. Grade 5 students are usually 11 years old at KIS. They engage in full day of activities and are assigned homework. The following illustration demonstrates the course activities for our Grade 5 students. Student course activities are supplemented by special programming offered to all students.

Grade 5 Course Distribution





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