

EXCELLENCE

ONLINE ENRICHMENT COURSE

2020-21 Academic Year



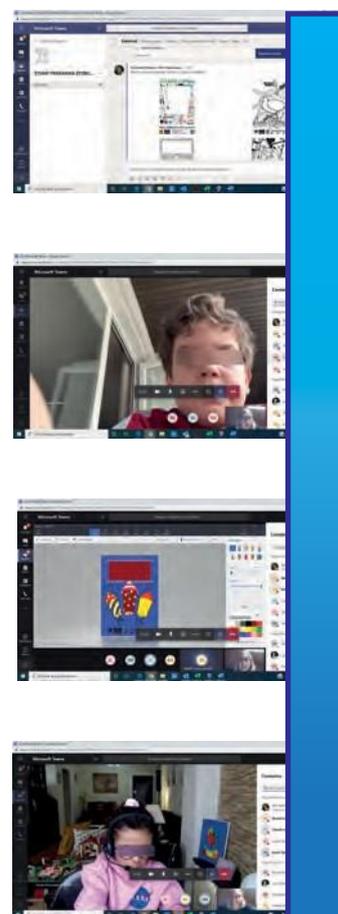
ABOUT THE EXCELLENCE PROGRAMME

The new 20-21 academic year presents new learning perspectives within school and extracurricular environments. Therefore, SEK, and specifically the Stellar Programme, has launched a complementary programme of online enrichment activities with the primary goal of broadening the horizons of high achieving students in fields that may be of interest to them and that are not usually included in the curriculum. On the other hand, it expands its geographical scope, allowing students to access from any region or country.

Many of these children and young people cannot find enough motivation in normal classrooms to expand and broaden their interests. We have therefore created a range of activities as part of the Excellence Course specifically designed to activate cognitive development and foster thinking.

Participants are presented with very active designs, challenges and proposals from the most effective psychopedagogical lines, Intelligent Classroom, Multiple Intelligences, Flipped Classroom, Practical Intelligence etc ...

These are sessions to expand and enrich knowledge developed in direct interaction between teachers and students. They are carried out by specialised professionals and in small groups of students, through the Teams platform, so that personalised attention is maintained, and students enjoy interactions. Many of the activities will be carried out in a cooperative and group way.



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OUR PROPOSAL

The course has two groups of activities: one aimed at students between 8 and 11 years old and the other at students from 12 to 14 years old.

Weekly activities distributed over two hours each day (two subjects on Tuesdays, two on Wednesdays and two on Thursdays). Students can choose from two to four subjects a week, at the assigned times.

CURIOSIARTE

The Curiosiarte area aims to promote the motivation and natural curiosity of students, starting from the Art as a guiding thread. Through the discovery of artists influencing various painting trends worldwide, we will bring children closer to a new way of seeing art. We focus on the development of creativity and divergent thinking and is one of our main objectives.

Teacher: Diana Martínez.

Psychologist, Specialist Counsellor for High Achievers: Professor of Camilo José Cela University Stellar Programme Educator

GREAT ENIGMAS

In this course we are going to learn about great enigmas that still exist in our world today. We will investigate thoroughly the information that we have at our fingertips and the most reliable hypotheses, so that we can then create our own conjectures. The course takes place online in a fun way, ensuring participation from the whole groups and combining videos and digital media with related activities.

The subjects tackled include the Moais, ancient cultures, impossible inventions, objects out of their time and many other interesting and surprising topics.

Teacher: Elena Melgar Chicharro

Psychologist Expert in Intelligence, Higher Capabilities and Neuropsychology Stellar Programme Collaborator.

TIME TRAVEL

We will travel in time discovering new cultures, places and societies. Using our time machine, we will travel to the past, present and future, learning about each era, who lived in it and what their way of life was like.

Before finishing each class, we will select the date we will travel to on the following day, so the children will be able to participate in the decision. Classes will take place online, promoting participation and social relations between participants. We will rely on audiovisual material and will carry out activities related to the topics tackled.

Among the eras and epochs that we will tackle are ancient Egypt, prehistory, Middle Ages and look at possible futures.

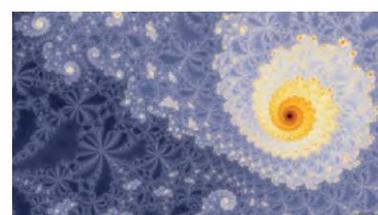
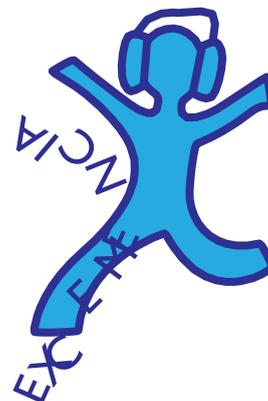
Teacher: Elena Melgar Chicharro

Psychologist: Expert in Intelligence, Higher Capabilities and Neuropsychology Stellar Programme Collaborator.

FRACTAL GEOMETRY

Fractal geometry is a field of mathematics that is present in great advances in different fields of study such as medicine, biology, astronomy, geography, architecture, technology and many more.

From the standpoint of mathematics, we will discuss the best approach to understanding the designs created by nature. But, in addition, through the use of computer algorithms, it also makes it possible to create the impressive works of digital art that are commonly known as fractals.



It is evident that, in addition to offering our students extracurricular content, fractal geometry allows us to establish didactic connections across very different areas of study, thus providing a setting of cross-curricularity, ideal for our students to feel free to follow the path they wish during their learning process. Students in this area will develop their artistic potential, and their "computational thinking" through algorithm programming.

The project for this 2020–21 academic year aims to foster students' mathematics vision, through the recognition and application of geometric ideas in areas outside mathematics, such as the arts, nature and in everyday life.

Teacher: Sergio Cepeda.

Expert in Intelligence, Higher Achievement and Neuropsychology. Camilo José Cela University Professor of fractal geometry in educational care programmes for high achieving young people. Stellar and ADA programmes.



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ENTREPRENEURIAL SCHOOL

The future is constantly changing and holds major global challenges. What does an entrepreneur see in that future? ... A world full of opportunities. This is our philosophy: to train students with the skills and tools necessary to awaken and develop an entrepreneurial spirit.

Together we aim to simulate how to set up a company. We will develop a business, marketing, purchasing and production, financial and social plan. And we will do it in a different way based on the actual and current day-to-day operation of a company. From businessman to future businessman, from entrepreneur to entrepreneur. As important as living the experience of creating a business up close is giving ourselves the necessary skills to be able to do so. Students can make the future depend on them.

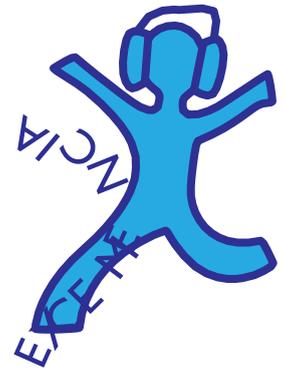
Teacher: Maribel Herranz Miguel

Teacher and collaborator of the Stellar Programme for high achievers.

Expert in intelligence development, high achievement and neuropsychology

Entrepreneur and textile designer, she has collaborated with the most relevant firms in the sector.

Specialised and trained in sustainable fashion in recent years (Chemicals and substances, Ecodesign strategies, sustainable packaging, slow fashion). Marketing and communications entrepreneur.



STEAM

With this activity we complement the learning of scientific and technological knowledge with the development of divergent thinking and increases in student creativity. Creativity can play a role in the process as well as in the result, the solution or the product. There are numerous models of creative behaviour; lateral thinking and divergence are clear indicators that there have been creative thinking processes.

We will carry out activities related to design, photographic editing, creation of maps, video, and we will immerse ourselves in museums and places in semi-immersive virtual reality.

Teacher: Anabel Sánchez Cabana

Bachelor of Fine Arts at the UCM. Master's in Design and Digital Printing. Interior design by the School of Arts and Leisure in Madrid. Expert in intelligence development, high achievement and neuropsychology

Teacher of Visual Arts and STEAM at SEK International School Ciudadcampo. Teacher on the Stellar Programme

VIRTUAL REALITY

New technologies have completely changed our environment, that is, our real world. If we talk about virtual worlds, in recent years the term of virtual reality seems to have appropriated the panorama. What it is, or how it can be developed, are some of the topics tackled on this course. We will take 360° photography, we will build spherical photographs, we will create our own virtual tours on a platform, and we will visually see the world in a virtual way.

Teacher: Anabel Sánchez Cabana

Bachelor of Fine Arts at the UCM. Master's in Design and Digital Printing. Interior design by the School of Arts and Leisure in Madrid. Expert in intelligence development, high achievement and neuropsychology

Teacher of Visual Arts and STEAM at SEK International School Ciudadcampo. Teacher on the Stellar Programme

CINEMATIC

Since its inception, music has played a fundamental role alongside image. We will take an essential review of the main compositional resources of music within Spanish and international cinema, studying the relationship between music, sound and image through the analysis of audiovisual sequences.



We will develop creative thinking and musical sensitivity to be able to compose music aimed at various dramatic genres.

Through this pioneering sphere, musical knowledge will be applied to create a specific product, promoting meaningful learning.

Teacher: Natalia López Martínez

Higher Degree at the Royal Conservatory of Music of Madrid. Manchester Northern College of Music. Master's Degree in Teacher Training, Master's Degree in International Education and Bilingualism and Expert in High Achievement. She has been part of the Madrid Region Young Orchestra and Choir, among others. She is currently a music teacher at SEK International School El Castillo and a collaborator on the Stellar Programme. Flute for the ProArte philharmonic Orchestra.

CREATIVE WRITING

Creative writing is of great importance because its practice not only leads to an improvement in motor skills, spelling and punctuation and vocabulary, but also helps them to remember information better, enhancing learning and mental development, enhancing their neural circuits and in a collateral way, it helps to develop empathy, the ability to listen, concentration and reflection.

Teacher: Berta Pedreira



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REQUIREMENTS

A computer, a Wi-Fi connection, and lots of motivation.

ONLINE EXCELLENCE COURSE TIMETABLE

FROM 8 to 11 YEARS OF AGE

ACTIVITY	GREAT ENIGMAS	CURIOSIARTE	CREATIVE WRITING	FRACTAL GEOMETRY	TIME TRAVEL	STEAM
TEACHER	Elena Melgar	Diana Martínez	Berta Pedreira	Sergio Cepeda	Elena Melgar	Anabel Sánchez
DAY OF THE WEEK	Tuesday	Tuesday	Wednesday	Wednesday	Thursday	Thursday
TIMETABLE	17.30 to 18.30	18.30 to 19.30	17.30 to 18.30.	18.30 to 19.30.	17.30 to 18.30.	18.30 to 19.30.

AGES 12 to 15

ACTIVITY	FRACTAL GEOMETRY	VIRTUAL REALITY	CINEMATIC	ENTREPRENEURS CLUB
TEACHER	Sergio Cepeda	Anabel Sánchez	Natalia López	Maribel Herranz
DAY OF THE WEEK	Tuesday	Tuesday	Thursday	Thursday
TIMETABLE	17.30 to 18.30	18.30 to 19.30	17.30 to 18.30	18.30 to 19.30

FEES

4 activities to choose from:
€150
2 activities to choose from: €80

ENROLMENT AND INFORMATION:
programaestrella@sek.es indicating
ONLINE



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