



Institución
Educativa SEK
Pioneros desde 1892



PROGRAMA ESTRELLA

ATTENDING GIFTED STUDENTS

Year 2022 – 2023





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HOW ARE GIFTED STUDENTS?



Within the framework, of personalized attention, there are many different students. A quality education specifically preparing students for present challenges and precisely future ones, must acknowledge these differences and give an adequate response. Within this diversity we find students with specific educational needs due to their learning potential, that manifests in different forms, areas or talents. Some outstand for their easiness to learn, their capacity to generate ideas, their autonomy, precocity for certain knowledge, high performance, sensitivity...

Early identification is very important for their development, as well as to offer them resources, programs and methodologies that give response to their needs and develop their capacities and abilities.

WHY PROGRAMA ESTRELLA SEK



The Programa Estrella was born to give response and comprehensive attention to high ability students. This program has been offered at the SEK International Schools for almost 30 years.

The program was designed to meet the specific needs of gifted students, attending their personal traits, age and development.

It aims to help high ability students to develop their potential, in groups of other children with their same level, without forgetting the reference of their classmates. For this reason we support initiatives in schools, like enrichment, acceleration o skipping a year as well as the enrichment of school context in general.

GOALS



The general objectives of the course are based on:

Achieving global personal development and prevent the appearing of problems such as school disintegration in its different levels or personal desynchrony.

Stimulating cognitive development, and personal capacities or talents.

Developing socio – personal abilities, self-knowledge and emotional intelligence.

We try to achieve these goals through programmed activities along the school year, structured in two big blocks: personal development and scientific and technical activities, which are intertwined in the personal project of each student.

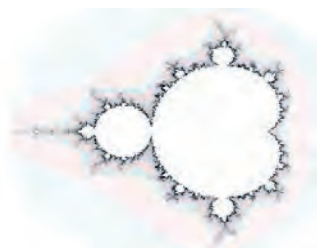


We also program visits to museums, exhibitions, scientific events, national and international exchange programs, etc.

The Programa Estrella understands the importance and the needs of the families and has a special section for them with relevant information. Besides the follow up and guiding of each student, the tutors inform and guide parents too.

We would like to highlight that the teachers at the Programa Estrella are experts in their areas and in working with gifted students, having completed the Expert in Intelligence development, Superior Capacity and Neuropsychology, offered at the UCJC university. Besides, we count whit the counselling of psychologists expert in gifted students.

We meet every Saturday in the morning, from 10:00 to 13:30 h.





COUNSELLING AND FAMILY SUPPORT

Supporting the families is one of the key aspects of giftedness that is not always taken into account, but at the Programa Estrella we have prioritized activities that better serve the needs of the families. For this reason we offer an individualized follow up of the student's needs and also tutors offer information, answer questions and counsel families. We also offer workshops, family ...

YOUTH TALENT ENCOUNTER

Since 2019 we carry out the Annual International Encounter of Youth Talent, with the support of the Universidad Camila José Cela (UCJC), in which students of different countries and programs present their works and investigations, and their achievements are awarded. It is a very successful activity.

ENRICHMENT ACTIVITIES

Specific enrichment activities are the vehicle through which develop the aforementioned abilities and processes, also a way to incite and motivate students into scientific areas not usually include in the school programs. When dealing with gifted children and youngsters it is very important to awaken their scientific interest, where the student will find an endless source to satisfy his curiosity and will be able to design his future more freely. It can also prevent learning and motivation difficulties, while helping to develop good relationships, as investigation-like tasks require cooperative working. The different areas can change depending on the annual programs, interests and ages of the students, so each year will have its own program, calendar and time table.

GENERAL AREAS

PERSONAL DEVELOPMENT

- Self - knowledge: strengths and weaknesses
- Interpersonal relations
- Communication abilities
- Cooperation abilities
- Practical intelligence
- Emotional intelligence
- Personal growth plan

SCIENTIFIC AND TECHNICAL ABILITIES

- Singular projects
- Scientific experimentation
- Economy, Business School
- Technology, nano technology, cybernetics
- Art, literature, theatre, cinema, photography
- Astronomy, astrophysics, cosmology
- Biology, urbanism, architecture
- Activities in nature, interesting fieldtrips: museums, exhibitions, scientific workshops, exchange programs, etc.



2022 – 2023 PROGRAM



CREATIVE ECONOMY

The term “creative economy” – also known as “orange economy” – was first used in 2001 by John Howkins, based on the relation between culture, creativity and economy and inspired by the orange colour used in ancient Egypt. Throughout history, humankind has lived times of change and uncertainty. Nowadays we are living one of those periods, maybe we are before one of the quickest changes of paradigm in several social structures: economic, relationships, technology... And our children are going to need not only knowledge but also abilities and tools to help them deal with new challenges. To help them even become the ones to create changes and be able to foresee what others can't. For this reason, we are going to work and try to promote their talent through entrepreneurship fairs and contests. We need new ways of thinking, new ways to advance and go beyond what's evident: beginning with a new vision of the word “ECONOMY”, without forgetting about rentability and progress, we lead to a better world, more sustainable, just and fair. Because we all want a better world for our children and because they are the ones who will find the businesses that will make it happen.

Teacher: Maribel Herranz



ORCHESTAR

Performing music in group allows to work rhythm, pulse and interpretation better, as it helps to learn from each other and help each other through a continuous and reciprocal act of listening. This is how talents add to one another. Leaving egos aside in order to build up, each one adding the best of himself.

It helps to develop creative thinking, musical sensibility to perform different music styles, apply music knowledge and meaningful knowledge.

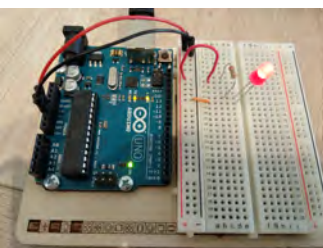
Teacher: Natalia López



SPECULATIVE WRITING

Speculative writing is a tool for creativity, social abilities, and introspection. It is a literary genre based on the narrative of impossible or improbable elements to help expand imagination and personal and society's understanding. Starting with the question “What if...?”, speculative scenarios are built where even the smallest difference can change the whole world. For example, “what if the dominant species on Earth was spiders?” or “what if all human beings could travel through time?”. After many years and world success of many titles which already belong to pop culture, speculative literature is no longer considered an “inferior literature” or “plain and simple entertainment”. Currently, both in academic circles and among publishers, this literary genre has proven its vital importance in personal development.

Teacher: Daniel Badosa



CODING ACADEMY

If you have an idea related with technology that you would like to carry out, if you would like to develop an investigation project or design working, or just artistic, artifacts join Coding Academy. This year will deepen into textual programming with Python and other professional languages, and we will use hardware, so our projects don't stay in the computer screen but physically interact with the context. We will work in small groups, so you can learn along with other students, sharing ideas and point of view, in order to meet the team's goal. No previous experience is required. You only need to be willing to learn and your capacity to imagine.

Teacher: Raúl Concha



NATURALEZA FRACTAL

This year we will use Fractal Geometry as a mean to connect different scientific areas, to check if there is a correlation between the physical or biological parameters that develop from different natural structures and the parameters of mathematical objects known as Fractals. The didactic connexions between different areas will strengthen in our students the required skills to find creative solutions to the presented problems.

Teacher: Sergio Cepeda



STEAM

The aim of this activity is to learn through participation, manipulative and experimental activities, integrating different subjects in an interdisciplinary way.

We carry out activities that aim to generate vocations towards technology, art, maths, engineering... assigning roles to students under the principle of "you learn what you do", facing challenges and complex interdisciplinary problems, developing initiative, autonomy, teamwork, and creativity.

Teacher: Ana Isabel Sánchez



HISTORY THROUGH ITS CREATIONS

Throughout history many cultures have disappeared. From prehistoric times, great civilizations such as Egyptians, Greeks and Romans, to our contemporary cultures.

In each of these periods we can highlight and learn traditions, uses, ideas, values and inventions. This workshop aims to work creativity and intelligence throughout the evolution of different cultures along history.

The programmed activities have two parts: first, searching for information about the studied culture; second, to recreate some activity, technique, invention or relevant instrument of the aforesaid culture.



UNCYPHER

A new adventure is waiting for us, another scenery, another time, but fighting against evil remains as the mission of the chosen lineage... The UNCYPHER teams knows no limits to time and will travel to the past searching for hidden secrets in castles and will use technology from the future to uncypher the mysteries and become victorious. This project is a leisure experience, an "escape castle adventure" where, on one side, we will write the script of the story with mystic secrets, enigmas and puzzles and on the other, we will design an App, with different software tools, that allows us to play real time. Once we have the game, our goal will be to create a product that can be played in different castles. We will do this with graphic design tools and we will develop our digital marketing strategy.

Teachers: Maribel Herranz and Raúl Concha



NEUROGAMES:

Human brain is malleable, and the main idea of this workshop is to enhance executive functions (memory, cognitive flexibility, inhibition, attention, verbal fluency, processing speed, planification and decision taking), as there are not always developed evenly. We will work different activities and leisure experiences that motivate students while we meet the personal goals set for each personal need.

Teachers: Elena Melgar



BRIDGING... ALFONSO X

We will learn about the history of King Alphonse X of Castille, investigation about his history, artistic, literary and scientific legacy using the strategies of history investigators. We will then represent his story in different visual languages, both physical and digital.

Starting from History we will elaborate and create new stories that we will communicate to a big audience. For this reason, all contents will be expressed both in Spanish and English.

The working methodology used in class is PBL (Project Based Learning). A structured way of working in groups, distributing roles, and creating their own rules, to work on small projects throughout the year.

The goal of the course is to acquire investigating skills, develop creativity and intercultural sensitivity (also known as global competence) while using physical and digital resources.

We will have the chance to share our experience and learning with another group from another province and will communicate with them in English.

The activity belongs to the transmedia storytelling area.

Teacher: Samantha Seoane



TRACES

This workshop's goal is to value the power of lines (or traces). Lines become a way for investigation, a means for expression, but also as an instrument to communicate among human beings. Along the year, we will learn about the evolution of lines and its use in Art. How lines build up as different material and means when using traditional drawing techniques as well as experimental photographic techniques. When we highlight the importance of the basic elements of art, like the Line, we can articulate the artistic language, the emotional language, while developing critical thinking.

Teacher: Cristina Rodrigo





PROGRAMA ESTRELLA

GIFTED STUDENTS COUNSELLING

YEAR 2022 – 2023

Who can join the program?

Students 4 – 14 years old

Where does it take place?

**COLEGIO INTERNACIONAL
SEK SANTA ISABEL
Calle San Ildefonso, 18,
28012 Madrid, Spain**

Schedule

**Working Saturdays
from 10:00 to 13:30 h**

Beginning of the program

September 17th 2022

OPEN for inscriptions: <https://forms.office.com/r/UaA4jBtrrC>

For further information: programaestrella@sek.es Tel: +34 670 26 53 13 +4 645 26 68 05

Take a look to our blog: <https://programaestrella.blogsek.es/>

