**Mamak SAC - Mamak Science and Arts Center (Turkish acronym: Mamak BİLSEM)** is a public institution that serves for the school children of all ages (until the university level) who have high learning potential and need special educational provision. Mamak SAC was founded in 2006 (with the name of Ankara Science and Arts Center) in a disadvantaged area of Mamak metropolitan district of Ankara. In our center, we offer activities to support these students to realize and develop their individual abilities and skills, and to grow with social, emotional and academic fulfilment by using their potential at the highest level. About 300 students aged between 7-18 are enrolled in our programmes at present.

SACs are affiliated to the General Directorate for Special Education and Guidance Services of the Ministry of National Education. Identified through various assessment tools by the Ministry of National Education, students with special abilities are provided with differentiated and/or enriched activities at out-of-school times at SACs.

The headmost Science and Arts Centers for providing social, psychological and academic support to the highly able students in our country were founded in 1993. Today the number of SACs functioning all around the country is more than 180. There are 8 centers only in Ankara; one was activated in 1995, and the other, Mamak SAC was activated in 2006. The other SACs were founded after 2016 in different metropolitan districts of the city.

The main aims of SACs are:

-To provide educational support for the students with special abilities and skills,

-To help students realize their interests, abilities and skills,

-To offer activities to foster their creativity,

-To set an education environment to support their special needs.

Student attendance is monitored regularly at SACs, and it is compulsory to attend 30% of one school term. Students are submitted programme certificates at the end of each level programme. **There are five levels of programmes in SACs:**

*Orientation Programme* is designed to recognise newcomer students with their social and psychological characteristics, and to familiarise them with the center in small groups.

*Supportive Education Programme* is designed to provide students with life skills that should be acquired to realize their potential and creativity such as communication skills, scientific research methods, or entrepreneurship. Students are enrolled in main branch activities in small groups.

*Individual Ability Identification Programme* is designed to make students identify their field-based special abilities and skills. They are enrolled in activities in all sub-branches in small groups.

*Special Ability Development Programme* is designed to provide students identified in their special ability branch(es) with profound knowledge and advanced skills in that/those branches.

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*Project Work and Management Programme* is designed to develop individual or group projects with students by special work. They are enrolled in project work and management activities with their branch teachers until the end of secondary education.

**Physical Conditions of Our Center**

Situated in a disadvantaged area, the small, two-storey buildingis composed of 10 activity rooms, including Visual Arts Atelier, ICT Laboratory, Science Laboratory, Biology Laboratory.

**Our Departments in Alphabetical Order**

BIOLOGY

CHEMISTY

FOREIGN LANGUAGES

GEOGRAPHY

HISTORY

INFORMATION&COMMUNICATION TECHNOLOGIES

LANGUAGE ARTS

LITERATURE

MATHEMATICS

MUSIC

PHILOSOPHY

PHYSICS

PRIMARY EDUCATION

PSYCHOLOGICAL COUNSELLING&GUIDANCE

SCIENCE

SOCIAL SCIENCES

VISUAL ARTS

**Ateliers/Semester Workshops We Organize for Our Students**

Coding

Ebru (paper marbling)

Linoleum Printing

Mangala

Mathematical Applications

Mind Games

Philology

Robotics

Rhythm

Spanish

Russian

**OUR STAFF**

**ADMINISTRATION**

**HEAD PRINCIPAL**  Emrah YILDIRIM

**HEAD PRINCIPAL ASISTANT** Orhan BAHADIR

**HEAD PRINCIPAL ASISTANT** İsmail POLAT

**OUR TEACHERS**

BIOLOGY Sercan ÇOBAN

CHEMISTY İlker YÜCEL

FOREIGN LANGUAGES (English) Fatma CAN AĞAOĞLU

GEOGRAPHY Şenol ERTEN

HISTORY Özlem GÜLENÇ İĞDİ

INFORMATION&COMMUNICATION TECHNOLOGIES Onur AĞAOĞLU

INFORMATION&COMMUNICATION TECHNOLOGIES Hamiyet GÜNCÜ

MATHEMATICS (Primary level) H.Nilgün TAŞKAYA ALİM

MATHEMATICS (High school level) Tuğçem EROĞLU

MUSIC H.İBRAHİM AYDEMİR

TURKISH LANGUAGE Evren DOĞAN

TURKISH LANGUAGE&LITERATURE Murat DEMİR

PHILOSOPHY Bayram YILDIZ

PHYSICS Ali GÜLTEKİN

PRIMARY EDUCATION Erol ÖZEL

PSYCHOLOGICAL COUNSELLING&GUIDANCE Bilgesu ERGEN KOCABIYIK

SCIENCE Tuğba ÇİÇEK

VISUAL ARTS İlter ÖZCAN

**VISION**

The vision of our Center is;

To be an innovative leader and a pacemaker public institution in education.

**MISSION**

The mission of our Center is;

To raise individuals who take on national and universal values, lead the future, and be the pioneers of their work areas.

**OUR VALUES and PRINCIPLES**

Under the supervision of the Ministry of National Education and the international education principals;

We behave graciously and kindly.

We communicate affection and respect.

We combine our efforts in team spirit to create synergy.

We organize learning environments for learning-by-doing.

We welcome innovation and change for excellence.

We are guided by Atatürk’s principles, revolutions, and nationalism.

We adopt dissimilarities as fertility.

We adopt productivity.

We never forget our national and moral values.

We behave with justice and in honesty.

**OUR EDUCATIONAL STUDIES**

**Some International&National Projects We (Have) Coordinated And/Or Participated In:**

EU Lifelong Learning Programme, Gruntvig Project (2008-1-TR1-GRU06-01549 1) **"Parental Support and Development for the Parents of Gifted and Talented", 2008-2010. This project was awarded as a “Star Project”.**

<http://www.europeansharedtreasure.eu/detail.php?id_project_base=2008-1-TR1-GRU06-01549>

**Coordinator: Ankara Science and Arts Center** (currently named as Mamak Science and Arts Center)**, Türkiye**

**Partners:** özbf (AU) and **The** National Association of Gifted Children, NAGC (currently named as Potential Plus UK), (EN).

EU Erasmus+ programme KA101 Project (2019-1-TR01-KA101-068015) I am Learning\_Teaching in the Light of the 21st Century Skills

<https://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details/#project/2019-1-TR01-KA101-068015>

EU Erasmus+ Programme KA229 Project ( 2020-1-TR01-KA229-093785\_1): **“I have the power of the myths!” – MythPower**- Efsanelerin Gücü Bende Artık!

<https://ec.europa.eu/programmes/erasmus-plus/projects/eplus-project-details/#project/2020-1-TR01-KA229-093785>

Coordinator: Mamak Science and Arts Center

Partners: IES Professor Broch I Llop (SP), 1 Epal Peiraira (GR), Istituto Istruzione Superiore “Isa Conti-Eller” (IT).

**e-Twinning School Award: 2020-2021** (Starting from 2016 on, currently 39 closed, 7 active national and international projects including the ones awarded with the eTwinning European Quality Label.

**International Student Camps:**

June, 2015 Berlin-Trebnitz Platz *Education and Culture Camp*, Germany

July, 2016 Barcelos- Mobility Friends *Education and Culture Camp*, Portugal

June, 2018 (Intended) Rimini *Education and Culture Camp*, Italy

**TÜBİTAK (The Scientific and Technological Research Council of Türkiye) Projects:**

TÜBİTAK 4004-Nature Education and Science Schools Project 2011: *Anatomy of Nature for Students with Special Abilities*

TÜBİTAK 4004-Nature Education and Science Schools Project 2017: *Nature and Ecology Education in Yenice Forest for Students with Special Abilities*

TÜBİTAK 4004-Nature Education and Science Schools Project 2020: *We are Modelling the Agricultural Gene Pools by Technology*

TÜBİTAK 4006-Science Fair for Schools; 2015-2016, 2016-2017, 2018-2019, 2019-2020

TÜBİTAK 4005-Innovative Education Applications; 2020: “Education on Technology-based Activity Preparation for Maths Teachers of Students with Special Abilities”

**Patent Applications:**

4 of 5 petty patent applications to the Turkish Patent and Trademark Office, Ministry of Industry and Technology approved in form:

Helmet that alarms by the gas level

Helmet that measures the pressure, altitude, and damp

Energy generation by ironmongery heat

Tool that measures the social distance

Energy generation by using thermo electricity generator temperature difference

**Some Local, National, International Projects, Conferences and Summits Our Teachers&Students Participated in/Presented in/Organized:**

2017 Project Grant by Ankara Development Agency: 3D Modelling and Quick Prototyping Methods Training for Teachers

2018 Project Grant by Ankara Development Agency: Robotic Coding and Design Engineering Training for Teachers

2019 Project Grant by Ankara Development Agency: Drone Software, Modelling and Mechatronics Engineering Training for Teachers

2021 Project Grant by Ankara Development Agency: *Cyber Security Leadership Educator’s Training*

2020-2021 ÖRAV (Teacher Academy Foundation in Turkey)&Aflatoun International, *5 Stones and Financial Leadership Education Programme*

2020-2021 *Secondary and High School Online Nature Education Programmes*: TEMA ([The Turkish Foundation For Combating Erosion Reforestation and The Protection Of Natural Habitats](https://tureng.com/tr/turkce-ingilizce/the%20turkish%20foundation%20for%20combating%20erosion%20reforestation%20and%20the%20protection%20of%20natural%20habitats))

*European Council for High Ability*-ECHA Conferences 2008, 2014

*World Council for Gifted and Talented Children*-WCGTC Conferences 2007, 2009, 2013

*International Center for Innovation in Education* - ICIE Conferences 2008, 2009

*The European Conference on Educational Research* –ECER Conference 2017

FATİH Project in Education, *Educational Technologies Summit,* 2016, 2017

Mamak District “Science Travel” Project, Project Workshop Organizer, 2016-2017

Local Mangala Tournament Organization, 2017-2018

Career Days for Our Students (Meeting the Alumni, Academics, Experts, Professionals)

**Seminars for the Parents of Our Students:**

Family Training for the Parents of Individuals with Special Abilities (7 weeks)

Parental Seminar on “Career Development of Individuals with Special Abilities”

2009 Seminar for Parents, by WCGTC-World Council for Gifted and Talented Children, Ankara.

**Certificates, Prizes and Awards:**

Fourth Prize in Team Category, Turkish Brain Team and Mind Games, 2016

Third Prize in Team Category, Turkish Brain Team and Mind Games, 2017

Second Prize in Individual Category, Turkish Brain Team and Mind Games, 2017

Fourth Prize in Individual Category, Turkish Brain Team and Mind Games, 2017

Second Prize in the International Cappadocia Orienteering Tournament, 2015

Participation and Presentations in Children’s Conferences in Konya (2012), Bursa (2013), Rize (2014), İzmir (2015)

Many Degrees and Certificates in various National and Local Mathematics Contests, as well as in Arts branches and Music; such as pantomime, calligraphy, felting, shadow puppetry, ebru (paper marbling).

First Prize in Marks&Spencer “Draw for Nature” National Painting Contest, 2011

Participation in Arts Camp, Pınar Süt National Painting Contest, 2014

**Some International Arts Exhibitions and Contests We Participated in:**

2009 International Children’s Art Competition “Small Montmartre of Bitola”

2012 “Our Traditions” International Painting Exhibition, Visual Arts Education Association and Maya Schools

2013 11th Degree in 200 participants; Google Doodle 4 Design Contest: Turkiye’s Wonders National Contest

2014 Creative Children’s Association, the 7th Caricature Contest

2015 11th Degree in Elementary School Category, the 2nd International Shoe Design Contest, Istanbul

2016 “Natural Disasters” Painting Exhibition, an Erasmus+ KA219 Project by Köşkdere Elementary School, Mamak-Ankara

2017 “Immigration and Empathy” International Painting Contest and Exhibition

2017 “My name is Happy Child” International Painting Exhibition, Visual Arts Education Association and Nesibe Aydın Schools

**Some Awards by the The Ministry of National Education:**

Beyaz Bayrak Award: School Hygene Award

Mavi Gök, Yeşil Bayrak Award: Award for Environmental Consciousness

Okulum Temiz Award: School Hygene Award 2021

eTwinning School Label, 2020-2021

**CONTACT INFORMATION**

**Postal Address:**

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Büyük Kayaş Mah. Kayaş Cad. No:23/A

Mamak / ANKARA Postal Code: 06270

**Phone:** +90 312 372 22 42

**Web page:** <https://mamakbilsem.meb.k12.tr/>

**e-mail:** bilsem06@gmail.com

**SOME GENERAL INFORMATION ABOUT OUR CITY AND THE TURKISH EDUCATION SYSTEM:**

**Education System in Turkey** [https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Turkey:Overview](https://webgate.ec.europa.eu/fpfis/mwikis/eurydice/index.php/Turkey%3AOverview)

**Our City: Ankara, the capital of Türkiye**

Rising dramatically on a steep incline from the banks of the Enguri Su, Ankara, Turkey's capital and second most populous city, is a modern European metropolis speckled with reminders of its varied history. Old castles and ruins from Hittite, Phrygian, Hellenistic, Roman, Byzantine, and Ottoman civilizations dot the landscape. The modern city includes government and state houses, major universities, military bases, consulates, bustling nightlife and the oldest park in the city, Genclik Park.

<https://www.tripadvisor.com/Tourism-g298656-Ankara-Vacations.html>

**Ankara**, the capital of Türkiye, situated in the northwestern part of the country. Ankara was declared the capital of Türkiye in 1923.

The architecture of the present-day city reflects its varied history. Remains from the Roman era include a bath, the Column of Julian, and the Temple of [Roma](https://www.britannica.com/place/Rome)and Augustus. [Byzantine](https://www.merriam-webster.com/dictionary/Byzantine) remnants include the citadel and a cemetery. The square Alâeddin Mosque, with one minaret, is located near the walled citadel and dates from the Seljuq era. Ottoman buildings are numerous and include the Hacı Bayram Cami (1427–28), as well as the Mahmud Paşa market and the Kurşunlu Han, two 15th-century buildings that have been converted to house the Museum of Anatolian Civilizations. The modern city contains the huge Atatürk Mausoleum complex, Anıtkabir.

Government is the main business in the city, but Ankara is also Turkey’s second most important industrial city after [Istanbul](https://www.britannica.com/place/Istanbul). Factories producing wine and beer, flour, sugar, macaroni products, biscuits, milk, cement, terrazzo (mosaic paving), construction materials, and tractors are well established. Service and tourist industries are expanding rapidly.

Ankara is an important crossroads for trade and forms a major junction in the road network of Turkey. The city lies on the main east-west rail line across [Anatolia](https://www.britannica.com/place/Anatolia). Esenboğa Airport, to the northeast, provides international services.

The city is the seat of the University of Ankara (established 1946), Hacettepe University (1967), and the Middle East Technical University (1956). The National Library is also located there, as are the state theatre and the Presidential Symphony Orchestra.

Several of Ankara’s museums, which present a panorama of Anatolian history, are housed in renovated Ottoman buildings. The most important of these are the Museum of Anatolian Civilizations (with its world-renowned [Hittite](https://www.britannica.com/topic/Hittite) collection) and the Ethnographic Museum (with its holdings related to Turkish history, folklore, and art). The Atatürk Mausoleum contains the Atatürk Museum, which displays many of Atatürk’s personal effects. <https://www.britannica.com/place/Ankara>