

PERSPECTIVE OF BAAL

Vol. 01 - 2025

THE LIFE OF
**AZIZ
SANCAR**

FAMOUS
MATHEMATICIAN
CAHIT ARF
ARF(Q)

NEW **MEBI?**

BADDALAYGUNAOI.MEB.K12.TR



A School Magazine by Students to Students



BADDAL AYGÜN ANATOLIAN HIGH SCHOOL

Where the science grows... Bilimin yetiştiği yerdesiniz.

Editor -in- Chief

Hakan BAŞDAĞ

Content Directors

Seher TEKEŞ

Serkan KILIÇARSLAN

Art Director

Mehmet IRMAK

Website

baddalaygunaol.meb.k12.tr

Social Media

 [baddalaygunanadolu](https://www.instagram.com/baddalaygunanadolu)



Hello everyone,

Dear Readers, welcome to the very first edition of our school magazine! We are thrilled to bring you a collection of stories, articles and artwork which demonstrates the incredible talents and accomplishments of our student community.

This magazine is not just about achievements; it's about celebrating the unique personalities and creativity that make our school, Baddal Aygun Anatolian, a special place for educative purposes. As your teacher, I take great pride in your growth and success, and this magazine is a testament to the amazing individuals you are on the track for becoming.

Take a moment to explore the pages, share your thoughts, and revel in the Collective achievements of our school family. May this magazine inspire, inform and bring joy to all who would love to read it carefully.

Warm regards,

Table of Contents

Section 1

İstiklâl Marşı	05
Turkish National Anthem	06
History of Turkey's National Anthem	07
Gençliğe Hitabe	08
Address to Turkish Youth	09

Section 2

Introduction Of The Scholl	10
-------------------------------	----

Section 3

Who is Aziz SANCAR?	11
The Life Of Aziz SANCAR	12
Aziz SANCAR's Career	13
Aziz SANCAR Awards & Achievements	14
Who is Cahit ARF?	16
The Life Of Cahit ARF	17
Cahit ARF's Career	18

Section 4

Social Skills Have An Significant Impact On School Success	19
--	----

Section 5

Mawlid an-Nabi	20
----------------	----

Section 6

What is this new MEBİ?	22
Novel Maarif Model of Turkish Education System	23





İSTİKLAL MARŞI

Korkma, sönmez bu şafaklarda yüzen al sancak;
Sönmeden yurdumun üstünde tüten en son ocak.
O benim milletimin yıldızıdır, parlayacak;
O benimdir, o benim milletimindir ancak.

Çatma, kurban olayım çehreni ey nazlı hilâl!
Kahraman ırkıma bir gül... ne bu şiddet bu celâl?
Sana olmaz dökülen kanlarımız sonra helâl,
Hakkıdır, Hakk'a tapan, milletimin istiklâl.

Ben ezelden beridir hür yaşadım, hür yaşarım.
Hangi çılgın bana zincir vuracakmış? Şaşarım!
Kükremiş sel gibiyim; bendimi çiğner, aşarım;
Yırtarım dağları, enginlere sığmam, taşarım.

Garb'ın âfâkını sarmışsa çelik zırhlı duvar;
Benim iman dolu göğsüm gibi serhaddim var.
Ulusun, korkma! Nasıl böyle bir imânı boğar,
"Medeniyet!" dediğin tek dişi kalmış canavar?

Arkadaş! Yurduma alçakları uğratma sakın;
Siper et gövdeni, dursun bu hayâsızca akın.
Doğacaktır sana va'dettiği günler Hakk'ın...
Kim bilir, belki yarın... belki yarından da yakın

Bastiğın yerleri "toprak!" diyerek geçme, tanı!
Düşün altındaki binlerce kefensiz yatanı.
Sen şehîd oğlusun, incitme, yazıktır atanı;
Verme, dünyâları alsan da, bu cennet vatanı.

Kim bu cennet vatanın uğruna olmaz ki fedâ?
Şühedâ fışkıracak, toprağı sıksan şühedâ!
Cânı, cânânı, bütün varımı alsın da Hudâ,
Etmesin tek vatanımdan beni dünyâda cüdâ.

Ruhumun senden, İlâhî, şudur ancak emeli:
Değmesin ma'bedimin göğsüne nâ-mahrem eli!
Bu ezanlar-ki şehâdetleri dînin temeli-
Ebedî yurdumun üstünde benim inlemeli

O zaman vecd ile bin secde eder -varsa- taşım;
Her cerîhamdan, İlâhî, boşanıp kanlı yaşım,
Fışkırır rûh-i mücerred gibi yerden na'şım;
O zaman yükselerek Arş'a değer, belki başım.

Dalgalan sen de şafaklar gibi ey şanlı hilâl;
Olsun artık dökülen kanlarımın hepsi helâl.
Ebediyen sana yok, ırkıma yok izmihlâl:
Hakkıdır, hür yaşamış bayrağımın hürriyet;
Hakkıdır, Hakk'a tapan milletimin istiklâl!

Mehmet Akif Ersoy



TURKISH NATIONAL ANTHEM

Fear not; For the crimson banner that proudly ripples in this glorious dawn, shall not fade,
Before the last fiery hearth that is ablaze within my homeland is extinguished.
For that is the star of my people, and it will forever shine;
It is mine; and solely belongs to my valiant nation.

Frown not, I beseech you, o thou coy crescent!
Smile upon my heroic nation! Why the anger, why the rage?
Our blood which we shed for you shall not be worthy otherwise;
For freedom is the absolute right of my God-worshipping nation!

I have been free since the beginning and forever shall be so.
What madman shall put me in chains! I defy the very idea!
I'm like the roaring flood; trampling my banks and overcoming my body,
I'll tear apart mountains, exceed the Expanses and still gush out!

The horizons of the West may be bound with walls of steel,
But my borders are guarded by the mighty bosom of a believer.
Bellow out, do not be afraid! And think: how can this fiery faith ever be extinguished,
By that battered, single-fanged monster you call "civilization"?

My friend! Leave not my homeland to the hands of villainous men!
Render your chest as armour and your body as bulwark! Halt this disgraceful assault!
For soon shall come the joyous days of divine promise;
Who knows? Perhaps tomorrow? Perhaps even sooner!

View not the soil you tread on as mere earth - recognize it!
And think about the shroudless thousands who lie so nobly beneath you.
You're the glorious son of a martyr - take shame, grieve not your ancestors!
Unhand not, even when you're promised worlds, this heavenly homeland.

Who would not sacrifice their life for this paradise of a country?
Martyrs would burst forth should one simply squeeze the soil! Martyrs!
May God take my life, my loved ones, and all possessions from me if He will,
But let Him not deprive me of my one true homeland in the world.

O glorious God, the sole wish of my pain-stricken heart is that,
No heathen's hand should ever touch the bosom of my sacred Temples.
These adhans and their testimonies are the foundations of my religion,
And may their noble sound prevail thunderously across my eternal homeland.

For only then, shall my fatigued tombstone, if there is one, prostrate a thousand times in ecstasy,
And tears of blood shall, o Lord, spill out from my every wound,
And my lifeless body shall burst forth from the earth like an eternal spirit,
Perhaps only then, shall I peacefully ascend and at long last reach the heavens.

So ripple and wave like the bright dawning sky, o thou glorious crescent,
So that our every last drop of blood may finally be blessed and worthy!
Neither you nor my kin shall ever be extinguished!
For freedom is the absolute right of my ever-free flag;
For independence is the absolute right of my God-worshipping nation!

Mehmet Akif Ersoy

History of Turkey's National Anthem

The "İstiklal Marşı" (The Independence March) was officially adopted as Turkey's National Anthem on March 12, 1921. 724 poems were submitted to a competition organized to find and select the most suitable original composition for this March, and a poem written by the poet Mehmet Akif Ersoy was adopted unanimously by the Turkish Grand National Assembly. Twenty-four composers participated in another competition arranged for the selection of a musical composition for the National Anthem.

The Council, which was only able to convene in 1924, due to the War of Independence adopted the music composed by Ali Rifat Çagatay. The words of the National Anthem were sung to this music for eight years.

Thereafter, the music of the National Anthem was changed to an arrangement written by Zeki Üngör, conductor of the Presidential Symphonic Orchestra, and the words of the National Anthem have been sung to this musical accompaniment ever since.



Mehmet Akif ERSOY



GENÇLİĞE HİTABE

Ey Türk gençliği! Birinci vazifen; Türk istiklalini, Türk cumhuriyetini, ilelebet muhafaza ve müdafaa etmektir.

Mevcudiyetinin ve istikbalinin yegâne temeli budur. Bu temel, senin en kıymetli hazinendir. İstikbalde dahi seni bu hazineden mahrum etmek isteyecek dâhilî ve haricî bedhahların olacaktır. Bir gün, istiklal ve cumhuriyeti müdafaa mecburiyetine düşersen, vazifeye atılmak için içinde bulunacağın vaziyetin imkân ve şeraitini düşünmeyeceksin. Bu imkân ve şerait, çok namûsait bir mahiyette tezahür edebilir. İstiklal ve cumhuriyetine kastedecek düşmanlar, bütün dünyada emsali görülmemiş bir galibiyetin mümessili olabilirler. Cebren ve hile ile aziz vatanın bütün kaleleri zapt edilmiş, bütün tersanelerine girilmiş, bütün orduları dağıtılmış ve memleketin her köşesi bilfiil işgal edilmiş olabilir. Bütün bu şeraitten daha elim ve daha vahim olmak üzere, memleketin dâhilinde iktidara sahip olanlar, gaflet ve dalalet ve hatta hıyanet içinde bulunabilirler. Hatta bu iktidar sahipleri, şahsi menfaatlerini müstevlilerin siyasi emelleriyle tevhit edebilirler. Millet, fakruzaruret içinde harap ve bitap düşmüş olabilir.

Ey Türk istikbalinin evladı! İşte, bu ahval ve şerait içinde dahi vazifen, Türk istiklal ve cumhuriyetini kurtarmaktır. Muhtaç olduğun kudret, damarlarındaki asil kanda mevcuttur.

Mustafa Kemal Atatürk



ADDRESS TO TURKISH YOUTH

Turkish Youth! Your first duty is to preserve and to defend Turkish Independence and the Turkish Republic forever.

This is the very foundation of your existence and your future. This foundation is your most precious treasure. In the future, too, there may be malevolent people at home and abroad, who will wish to deprive you of this treasure. If some day you are compelled to defend your independence and your Republic, you must not hesitate to weigh the possibilities and circumstances of the situation before doing your duty. These possibilities and circumstances may turn out to be extremely unfavourable. The enemies conspiring against your independence and your Republic may have behind them a victory unprecedented in the annals of the world. It may be that, by violence and trickery, all the fortresses of your beloved fatherland may be captured, all its shipyards occupied, all its armies dispersed and every corner of the country invaded. And sadder and graver than all these circumstances, those who hold power within the country may be in error, misguided and may even be traitors. Furthermore, they may identify personal interests with the political designs of the invaders. The country may be impoverished, ruined and exhausted.

Youth of Turkey's future!, even in such circumstances it is your duty to save Turkish Independence and the Republic! You will find the strength you need in your noble blood.

Mustafa Kemal Atatürk

Introduction of the school

Our School

Baddal Aygun Anatolian High School

Secondary Level

By Serkan KILIÇASLAN

I will introduce you to Baddal Aygün Anatolian High School, which is on improvement every year. Let me first tell you about the founder of our school. Who is Baddal AYGUN termed as? He was born in Iscehisar District on 1.1.1932. He graduated from primary school and is married with six children. He is one of the marble operators of Afyonkarahisar and Turkey. He passed away on 11/07/2018. Our school has a vision and this vision is to be one step further in accordance with other schools located in the city.

Our second vision and mission is that we be creating an original, effective and qualified school community that will experience the ideal and change of being a virtuous person through the integration of yesterday, today and tomorrow in line with Atatürk's Principles and Revolutions. Our Principal, teachers and principal -vice of the school together aim and exert efforts towards carrying the educative circumference one level ahead. Let me tell you about some events held in our school. Under the co-ordination of Hakan BAŞDAĞ, English Instructor, an informative conference was given within the scope of "ERASMUS DAYS"



Who is Aziz SANCAR?

Prof. Aziz Sancar is a Nobel Prize-winning doctor, academician, biochemist and molecular biologist born in 1946 in Savur, Mardin. He graduated from Istanbul Faculty of Medicine in 1969.

He then went to Dallas and earned a Ph.D. in Molecular Biology at the University of Texas at Dallas. He completed his thesis as an associate professor in the field of DNA repair at Yale University. Since 1997, he has been working at the University of North Carolina in the USA.



The Life of Aziz Sancar

Born on September 8, 1946 in the Savur district of Mardin as the seventh of eight children of a middle-income farmer family, Aziz Sancar completed his basic education in Mardin. During his high school years, he wanted to be a football player. However, he gave up on this dream in his senior year and went to İstanbul to continue his higher education.

Aziz Sancar, who completed his master's and doctorate degrees in the United States, is a citizen of Türkiye and the United States.

Aziz Sancar, who is married to biochemistry professor Gwen Boles Sancar, founded the Aziz & Gwen Sancar Foundation with her suppose and opened a student guesthouse called "Carolina Turkish House" in North Carolina, USA to help Turkish students studying in the USA and to improve Turkish and American relations.

In an interview, Sancar said that he worked 18 hours a day until the age of 40, and then reduced this to 12 hours a day.



Aziz Sancar's Career

In 1963, he enrolled in İstanbul University Faculty of Medicine and graduated from this faculty in 1969 with the first place. After working as a doctor in a health center in his hometown of Savur for two years, he went to Johns Hopkins University, one of the most prestigious medical education institutions in the USA, with the NATO-TÜBİTAK Scholarship he won and continued his research. Aziz Sancar, who returned to Turkey due to the adaptation problems he experienced, went to the University of Texas at Dallas after a while because he wanted to complete his education.

In Dallas, he became involved in the university's molecular biology program. Sancar, with his advisor Claud Stanley Rupert, carried out a study called "photolyase" and discovered the use of a cloned gene in the repair of damaged DNA. With this invention, he received his master's degree and then his doctorate degree in 1977.

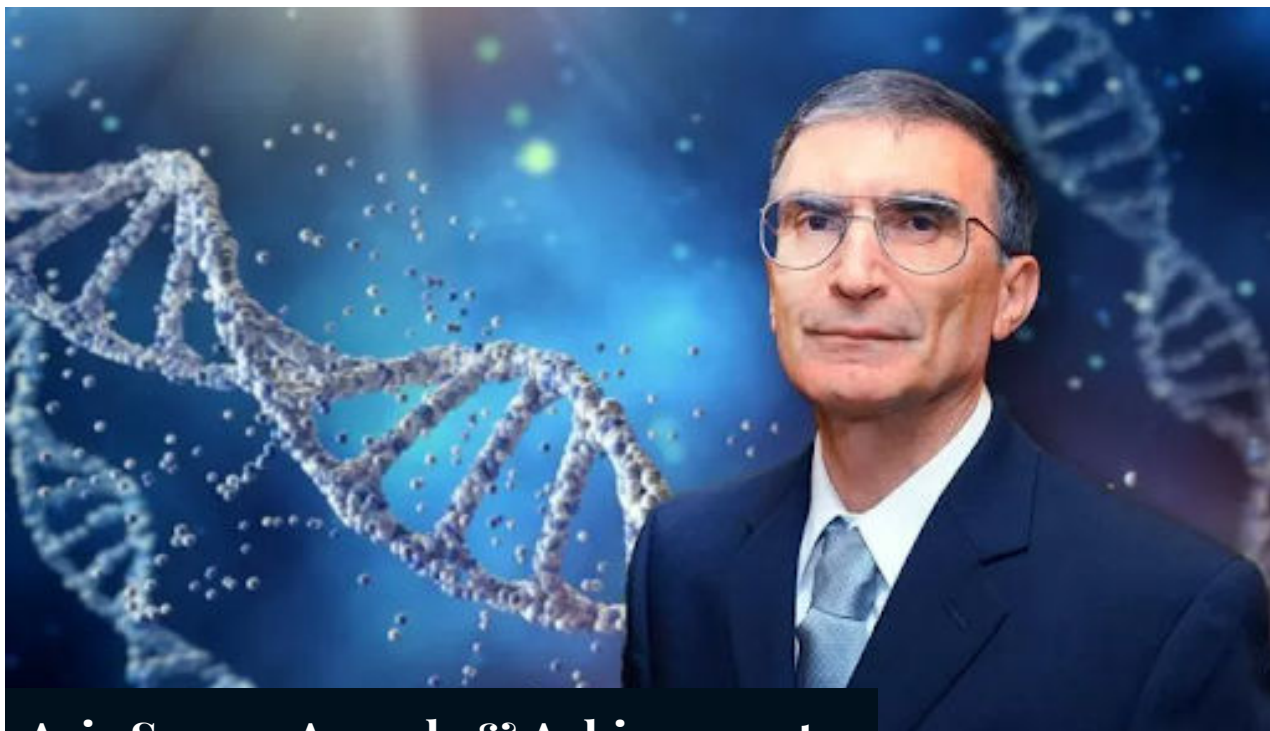
Aziz Sancar worked at Yale University School of Medicine between 1977 and 1982. During this period, he began research on nucleotide excision repair. He completed his thesis as an associate professor in the field of DNA repair. Since 1997, he has been continuing his research in the Department of Biochemistry and Biophysics at the University of North Carolina in Chapel Hill, North Carolina, USA, known for his studies in biochemistry and biophysics.



Continuing his studies on DNA repair, cell sequencing, cancer treatment and circadian rhythm, Sancar has published 415 scientific articles and 33 books so far. Sancar received awards for his use of the circadian rhythm in cancer treatment.

Sancar, who was awarded the North Carolina Distinguished Chemist Award given by the American Chemical Society in 2001, was elected to the US National Academy of Sciences, one of the most prestigious memberships in the scientific world, in 2005 and became the first Turkish scientist to be elected to this academy. Sancar was elected as a full member of the Turkish Academy of Sciences in 2006.

Aziz Sancar won the 2015 Nobel Prize in Chemistry with Paul Modrich from the United States and Tomas Lindahl from Sweden for their research mapping how damaged DNA is repaired by cells and how existing genetic information is preserved. For more than 30 years, Sancar, Modrich and Lindahl have been working independently of each other. The Nobel Prize in Chemistry, awarded by the Royal Swedish Academy of Sciences, was presented to Aziz Sancar by King Carl XVI Gustaf of Sweden at a ceremony held on December 10, the anniversary of Alfred Nobel's death.



Aziz Sancar Awards & Achievements

Sancar, who is the second Turkish citizen to receive the Nobel Prize and the first Turkish citizen to receive this award in the field of science, stated that "What led me to the award is the educational revolution made by Atatürk and the Republic of Türkiye. Therefore, the owner of this award is the Anıtkabir Museum, which represents Atatürk and the Republic of Türkiye." and handed over the Nobel Prize, medal and certificate to Anıtkabir. Sancar's award is exhibited in the special area reserved for him in the "Atatürk and War of Independence Museum" in Anıtkabir.

The list of the most important awards Sancar has received is as follows:

- U.S. National Science Foundation Young Researcher Award (1984)
- American Society for Photobiology Award (1990)
- U.S. National Institutes of Health Award (1995)
- TÜBİTAK Science Award (1997)
- American Academy of Arts and Sciences Award (2004)
- Member of the U.S. National Academy of Sciences (2005)
- Member of TÜBA (Turkish Academy of Sciences) (2006)
- Vehbi Koç Award (2007)
- Nobel Prize in Chemistry (2015)

A black and white portrait of Cahit Arf, an elderly man with short, dark hair, smiling slightly. He is wearing a dark, textured jacket over a dark shirt. The background is a room with a framed picture of a landscape on the wall and some shelves with books or papers.

Perspective

Biography 2

Who is Cahit ARF?

Ord. Prof. Dr. Cahit Arf

Cahit Arf was a world-famous mathematician who lived between 1910 and 1997. He made significant contributions to the world of mathematics and science by coining terms such as "**Arf Constant**", "**Arf Rings**" and "**Arf Closures**", which emerged in the classification of quadratic forms of objects and were named after him. Together with the German mathematician Helmut Hesse, he developed the **Hesse-Arf Theory**.

$$\text{Trf}(g) = \sum_{i=1}^n g(a_i) g(b_i) \in \mathbb{Z}_2$$

$$a_i, b_i \quad i = 1, 2, 3, \dots, n.$$

Cahit ARF **Kimdir?**

The Life of Cahit ARF

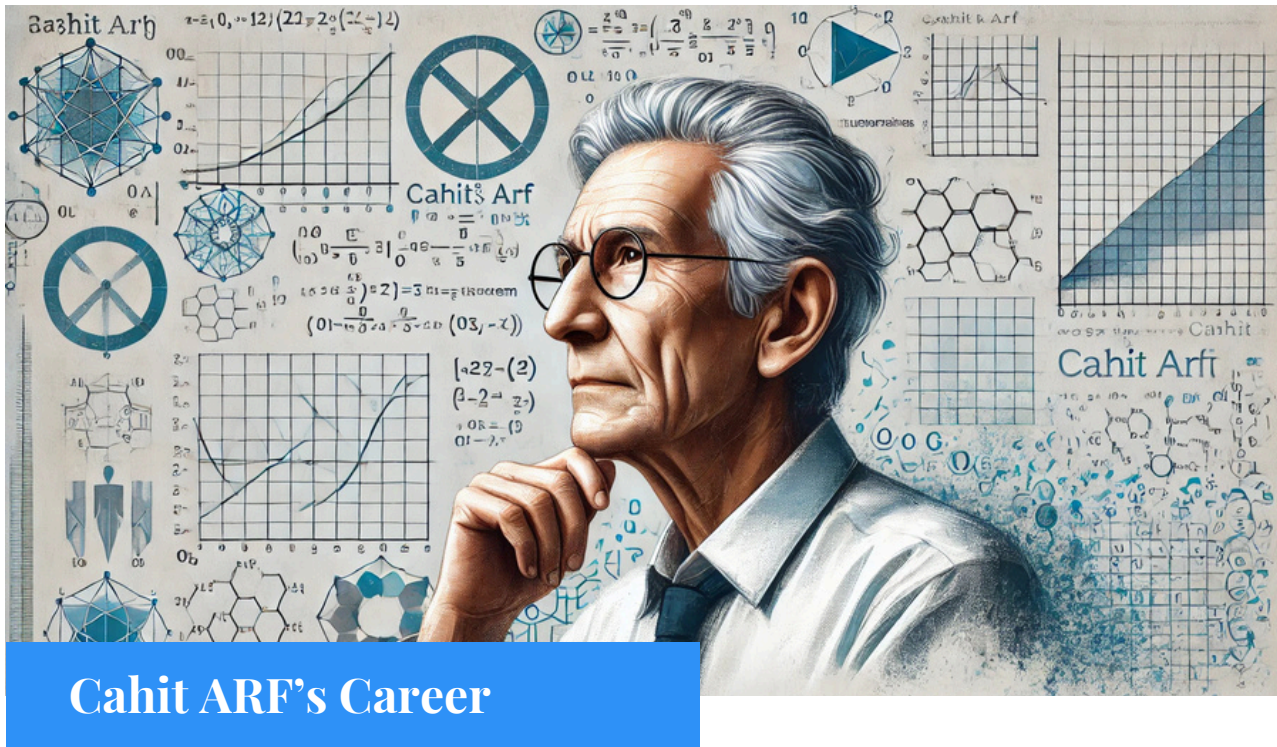


"It takes passion to be a scientist."

He completed his higher education at the Ecole Normale Supérieure in France in 1932. After teaching mathematics at Galatasaray High School for a while, he worked as an associate professor candidate at Istanbul University, Faculty of Science. He went to Germany to do his doctorate. He completed his doctorate at the University of Göttingen in 1938.

When he returned to Turkey, he became a professor and an Ordinarius professor at the Faculty of Science at Istanbul University and worked until 1962. Later, he started to teach mathematics at Robert College. In 1964, the Scientific and Technical Department of Turkey. He became the first chairman of the scientific board of the Research Council (TÜBİTAK).

Perspective



Later, he went to the United States of America and conducted research and investigations; He was a visiting professor at the University of California, Berkeley. He returned to Turkey in 1967 voluntarily, as he wanted to live in Turkey. Shortly after his return, he received guest lecturer offers from universities in Canada and the United States. However, before he could respond to these offers, the phone call from the Middle East Technical University said that he had been assigned to this university and that his plane ticket was on the way, and he had already started to work at the Middle East Technical University. He retired in 1980.

After his retirement, he contributed a lot to the development of TÜBİTAK and worked at the Gebze Research Center affiliated to TÜBİTAK. Between 1983 and 1989, he served as the president of the Turkish Mathematical Society. Arf won the İnönü Gift (1943) and the TÜBİTAK Science Award (1974). In his speech while receiving this award, he said,

"The purpose of the scientist is to understand the discovery!"

School Counselling Service

ATTENTION !

**SOCIAL SKILLS HAVE AN SIGNIFICANT IMPACT ON
SCHOOL SUCCESS**

By Gülistan Hatice PARİN – School Counselor

Dear Reader,

Hello everyone, from our newest publication !

No matter what age we are, or in what condition we are, we are always going to have social skills. Social skills are fundamental to constructing healthy relationships. Only, it is not limited to that. We do need those social aptitude patterns in order to regulate our feeling, empathize with others, and take on responsibilities.

We started over our social improvement in the familyambiance. This conditions set the basis for later-on behaviours which would be adopted by us. As family does, so does school fundamentalize the path to social development of ours. That one does not project adequate social show-up, or demonstrates nonce of no reliable action causes anxiety, dodging the responsibilites given, as well as harmful attitudes. We see that social talents do lie on the core center of our lives. It may be noted that for the purpose of related evaluation of society, we need to take into consideration both social and academic skills altogether.

SOCIAL SKILLS WHICH DIRECTLY AFFECT ACADEMIC POINT

To realize cross-points and strong sides of ours – Self-Reflection

Speak interiorly well and recognize limits. Self-Cognition

Respect differences, treasure others' feelings, put ourselves into other's shoes....

Before decision, state-analysis, takeover for the situations before us.

Target, and strive for it. Form an action plan.

Manage the stress

Be open to collaborations, conflict-resolution, in a positive manner always!

Have a nice chance in your life to happiness and health.

Perspective

Event



Mawlid an-Nabi is a great opportunity to commemorate and understand the birth of our beloved Prophet, Muhammad (peace be upon him). He was a guiding light for humanity lost in darkness and presented us with the best example of justice, mercy, and noble character. This truth is expressed in the Holy Qur'an as follows:

"O Prophet! Indeed, We have sent you as a witness, a bringer of good tidings, a warner, one who calls to Allah by His permission, and as an illuminating lamp." **(Surah Al-Ahzab 33:45-46)**



Mawlid an-Nabi



This blessed day is an occasion to remember his life, his Sunnah, and the values he brought to humanity. We should not view Mawlid an-Nabi merely as a celebration but as a turning point to embody his morals in our daily lives. We must fill our hearts with his love and shape our lives by following his example.

On this occasion, as Baddal Aygün Anatolian High School, we have prepared a Mawlid an-Nabi program that includes the recitation of the Holy Qur'an, poetry, a short video about his noble character, an oratory performance, hymns, and a Q&A session to better understand and live by the message of mercy brought by our Prophet.



What is this new MEBİ?

"With the MEBİ Individual Learning Platform, which is prepared with the support of innovative educational technologies and artificial intelligence and offers a personalized learning experience, it is aimed to support students in the preparation process for YKS."

Who can use MEBİ?

Students, graduate students, teachers and parents studying in schools affiliated to the Ministry of National Education can use all content free of charge by logging in with their eba, e-government or mebbis passwords.

What is in MEBİ?

Lecture videos, topic summaries, questions with video solutions, study plan, guidance, goal setting, artificial intelligence support and more for YKS preparation and school lessons are available in MEBİ. It is a web-based graphic design platform which allows users to create a wide range of performances.



"MEBİ" INDIVIDUAL LEARNING PLATFORM

Novel Maarif Model Of Turkish Education System

By Yasin ŞATIRER

MAARİF MODEL NEDİR?

Maarif modeli ülkemizde aktif olarak kullanılan bir eğitim ağı projesidir. Milli ve manevi değerler mazumesi ile maddi gelişmenin zirvesini hedefleyen Türkiye yüzyılı maarif modeli felsefemize dayanan yeni öğretim programları içeren şimdiki ve sonkari nesillere hitap eden bir modeldir.

Bu model insanın temel fitri özelliklerini koruma ve geliştirmeyi, insanın kendi açısından yetenekleri ortaya çıkarmaya ve potansiyelliğini aynı zamanda şahsiyet bütünlüğünü oluşturmayı bunun yanı sıra toplum ile insan arasındaki akılcı ve ahlaki bir uyum oluşturmayı hedefler.



Novel Maarif Model Of Turkish Education System

By Yasin ŞATIRER

Our educative pattern is an education network project which is in active use. All together with the sincere purpose of attainment for a quality overview of national and abstract values and material features, Türkiye Yüzyılı Maarif Modeli purports to have adopted an characteristics concentrated on contemporary and next generation's progress.

This model furthermore aims for fundamentally internal human features to develop, to get protected and stick out, on the other side human beings via that, exposing their undiscovered abilities and potentials wholesome and beneficial for the Turkish society. Last but not least, it targets on an intellectual and moral harmony between man and his community.



BADDAL AYGÜN ANADOLU LİSESİ

Carried Over Education

Azim et, Çalış ve Başar

School Principal

Yalçın BALKAN

School Assistant

Cemil YILDIZ

Clerk of Correspondence

Cemal KOCAAĞA

BAAL

BADDAL AYGÜN ANADOLU LİSESİ

ADDRESS OF ACHIEVEMENT



As Baddal Aygun Anatolian High School, we are on the progress for an excellent future for our Republic with our qualified teaching staff and moral, and hardworking student profile...

Perspective



Baal

272 341 48 00

@baddalaygunanadolu/

757872@meb.k12.tr

baddalaygunaol.meb.k12.tr