



BCA Newsletter

N° 37 / 5 October 2023



INTELLIGENCE



Intelligence

“The word “intelligence” has its origins in Latin. It is derived from the Latin word “intelligentia,” which is a combination of two Latin words:

- 1. “Inter,” which means “between” or “among.”*
- 2. “Legere,” which means “to choose,” “to gather,” or “to read.”*

So, “intelligence” in its Latin roots could be understood as the ability to choose or gather information between or among various sources or stimuli. Over time, the meaning of “intelligence” has evolved to refer to a broader range of mental abilities, including problem-solving, learning, reasoning, and adapting to new situations.”

Source: <https://chat.openai.com>

The arrival of ChatGPT has accelerated the adoption of Artificial Intelligence in education, and is perhaps the dominant current topic in pedagogical discourse. In order to stay informed, and to approach AI from a position of knowledge, understanding and skills, the entire BCA teaching staff recently took part in a full day of professional training on the educational uses and potential of AI.

Naturally we have concerns and questions: if AI can successfully translate texts from Catalan to English or vice versa, or solve quadratic equations, or compare and contrast the leadership style of Churchill and Stalin, why learn these academic skills? What future for the emphasis on learning and retaining knowledge in the current examination specifications such as IGCSE and the IB Diploma?

Well, firstly, if you have no subject knowledge and no understanding of process, then how can you know whether the AI-generated answer is accurate, precise, fair and representative, or even truthful. Furthermore, how will you know how to use what AI has helpfully generated for you?

Secondly, even more important, AI has little to offer, at least at present, with the higher purposes of education, expressed in the BCA Values:

- | | | |
|-----------------------------|--------------------------------|-----------------------|
| • Communication Skills | • Sense of Responsibility | • Self-awareness |
| • Inquisitiveness | • Commitment to Sustainability | • Team-working skills |
| • Appreciation of Diversity | • Tenacity | • Inventiveness |
| • Ability to Solve Problems | • Courage | • Compassion |

Each of the above feeds into the ability to make good choices, as described in the opening definition of 'intelligence' provided by ChatGPT, above.

For teachers, the critical factor is not AI but EI, or 'Emotional Intelligence'. The importance of strong subject knowledge and qualifications goes without saying, but the best teachers manage their classes and the learning through well-developed Emotional Intelligence, by blending fairness and firmness, calmness and excitement, patience and urgency, all within a framework of deep care for their students and their subject. AI will actually help teachers in this respect because if AI can speed up the creation of lesson plans and learning resources, it will leave teachers with more time to support pupils on this 1:1 relational basis. Far from feeling redundant, teachers finished the training day mentioned above with renewed clarity over the value they can add to childrens' lives.

BCA embraces AI and the potential benefits for education, at the same time believing that it takes a human to get the best out of another human.

The International Baccalaureate mission statement, to which we subscribe, aims "*to develop inquiring, knowledgeable and caring young people who help to create a better and more peaceful world through intercultural understanding and respect*". Our students develop a sense of both local and global citizenship as part of their BCA education.

To this end, it was a pleasure to recently host a [visit by students](#) from the 75th Pechersk School, Ukraine, facilitated by the Creu Roja Andorrana, sharing and reflecting on our different learning experiences, and taking part together in games and other activities.

As part of our wider curriculum, [Secondary clubs](#) give students opportunities to develop their interests. They take place twice a week, during the school day, with a wide range of options, all led by our enthusiastic teachers. It is also a route to develop student leadership.

In the newsletter article that follows, you will hear what our students have to say about AI, and see many examples of us developing not artificial, but human intelligence.



Mr Harry Lock
Principal



THE BLUE BIRD

CELEBRATING BCA STUDENT VOICES

THE INTELLIGENCE ISSUE/OCTOBER

ARTIFICIAL INTELLIGENCE BY ESTHER AND MIA (YEAR 9)



Artificial intelligence has become a great worry of teachers, parents and more. Some of them believe it is simply a cheat code for anything (paintings, essays, etc...) It is true that many people use it for those purposes, and never give credit. There's a lot being written about the negative impacts of AI, such as unemployment,

profiling, cheating (assignments, exams), and fake information. Renowned personalities like Stephen Hawking claim that AI could wipe out the human race. Parents and teachers aren't concerned enough about artificial intelligence to say it might 'wipe out' the human race, but are still mostly against it as it lets students from all around the world copy and paste their entrance exams.



ALL IMAGES IN THIS ARTICLE WERE CREATED BY YEAR 9 USING AI FROM BING.COM/CREATE

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However, a lot of people think it depends on the way you use it. What is amazing about AI is that it is available 24/7, and you can adjust your request until it gives you what you were looking for. An example : with an AI that generates images, you can make your image more like what you have in mind by using more detailed descriptions

Image 6: People are forced to pray to ~~at~~ their great leader every day and he is the most valued thing in the world.



or also the type of artstyle you would like it to be: impressionism, cartoon, etc... In our classroom, we have recently been using AI for an assignment. The homework was to create a dystopian storyboard using AI generated images. This helped us to visualise our dystopian worlds before a creative writing assignment. Our written descriptions in our exercise books then became more vivid as we spent more time focusing on details and trying to capture everything about the image in our own dystopian story writing.

HERE ARE SOME OPINIONS ABOUT AI FROM THE STUDENTS WE HAVE INTERVIEWED :

'AI is very nice and helpful for any kind of project you have, and it saves you a lot of time.'
- Pierre Year 9

'I personally like AI because it helps me with research when I don't understand something or when I need information for homework.' - Maria Year 9

I can make images with it and it helps me visualise a picture I have in my head so I can communicate it better' - Elena Year 9



A massive flood was created by the government in 2078 to get rid of half of the population.

All the humans that survived now live inside a glass sphere in the ocean.



BCA "Impact of Technology" Forum

This meeting will take place on Monday 16th October at 18:00. Parents, staff and senior pupils are warmly invited to attend. The keynote speaker will be Sara Garcia, child psychologist. The presentation will be followed by a moderated discussion. Please confirm your attendance in advance (Friday 13th October, 16:00 latest) to admin@bcandorra.com.

Mou-te campaign

To promote physical activity and a healthy lifestyle, the Andorran government organized the National Campaign. You will find more info [here](#).

3a Campanya nacional de promoció de l'activitat física

del 28 de setembre al 7 d'octubre del 2023



Activitats intergeneracionals i adaptades a tots els públics a totes les parròquies

Inscripcions a la pàgina web www.esportperatothom.ad



Organitza:






Patrocina:






Catalunya:





Activitats a les parròquies

Dijous 28/09. Canillo:
ESGLÉSIA DE SANT JOAN DE CASELLES. 16.30 h.
Circuit d'activitats inclusives amb FADEA

Divendres 29/09. Encamp:
ESGLÉSIA DE SANT MIQUEL. 18.00 h.
Tir amb arc inclusiu amb TAE i FADEA

Dilluns 02/10. Ordino:
PLAÇA DE LA CLOSA. 18.30 h.
Preparació física

Dimarts 03/10. La Massana:
PLAÇA DE LES FONTETES. 18.00 h.
Flamenc terapèutic

Dimecres 04/10. Andorra la Vella:
PARC CENTRAL. 18.00 h.
Fit Up a l'aire lliure

Dijous 05/10. Sant Julià de Lòria:
PLAÇA DE LA GERMADAT. 20.00h.
Zumba inclusiva

Divendres 06/10. Escaldes-Engordany:
PARC DEL PRAT DEL ROURE. 19.00h.
Entrenament funcional

Marxa popular

Dissabte 07/10. A totes les parròquies:
marxa popular a les 11.00 h

Recollida de samarretes i obsequi

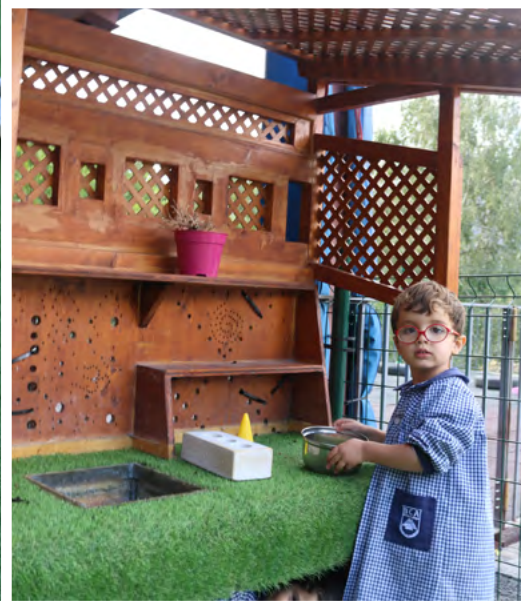
Del 21 de setembre al 6 d'octubre a la teva parròquia. Fins a exhaurir existències.

Per a més informació

Secretaria d'Estat de Joventut i Esports:
T. 890 351
esports@govern.ad
www.esportperatothom.ad

Our Year 12 IB Diploma students have got off to a great start, living the BCA Values as they move to the next academic level. So far, they have had to demonstrate multiple intelligences as they grapple with different kinds of understanding. As well as understanding new and demanding concepts in their academic subjects, they have had to learn to understand each other as they meet new members of the class, form work groups, and collaborate. In Theory of Knowledge, they have to understand where knowledge comes from and how to avoid faulty thinking. As part of the CAS Programme, they have to understand leadership, either by leading BCA clubs or by organizing group projects. Finally, they have to understand themselves as they learn to strike a work/life balance and minimize stress. Their tenacity so far is a positive sign of how they will cope when the course becomes more demanding.

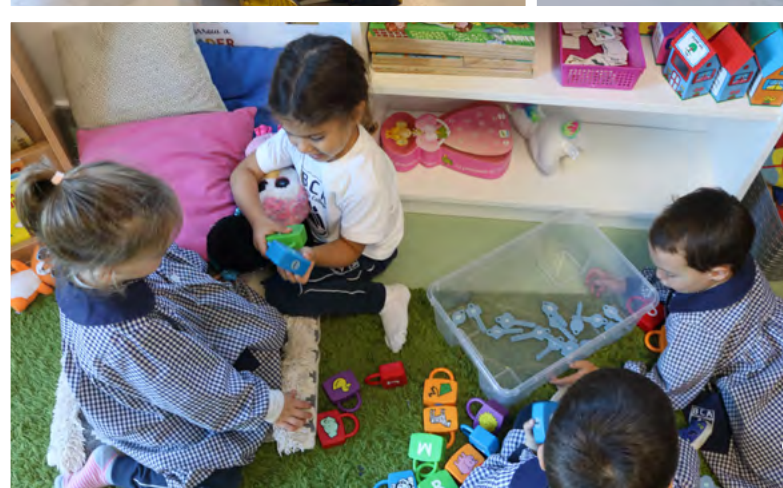




The Colour Monster

The Colour Monster is all mixed up and very confused. Can you help him sort his feelings?





Year 1



Year 2



Year 3



Year 4





Year 5



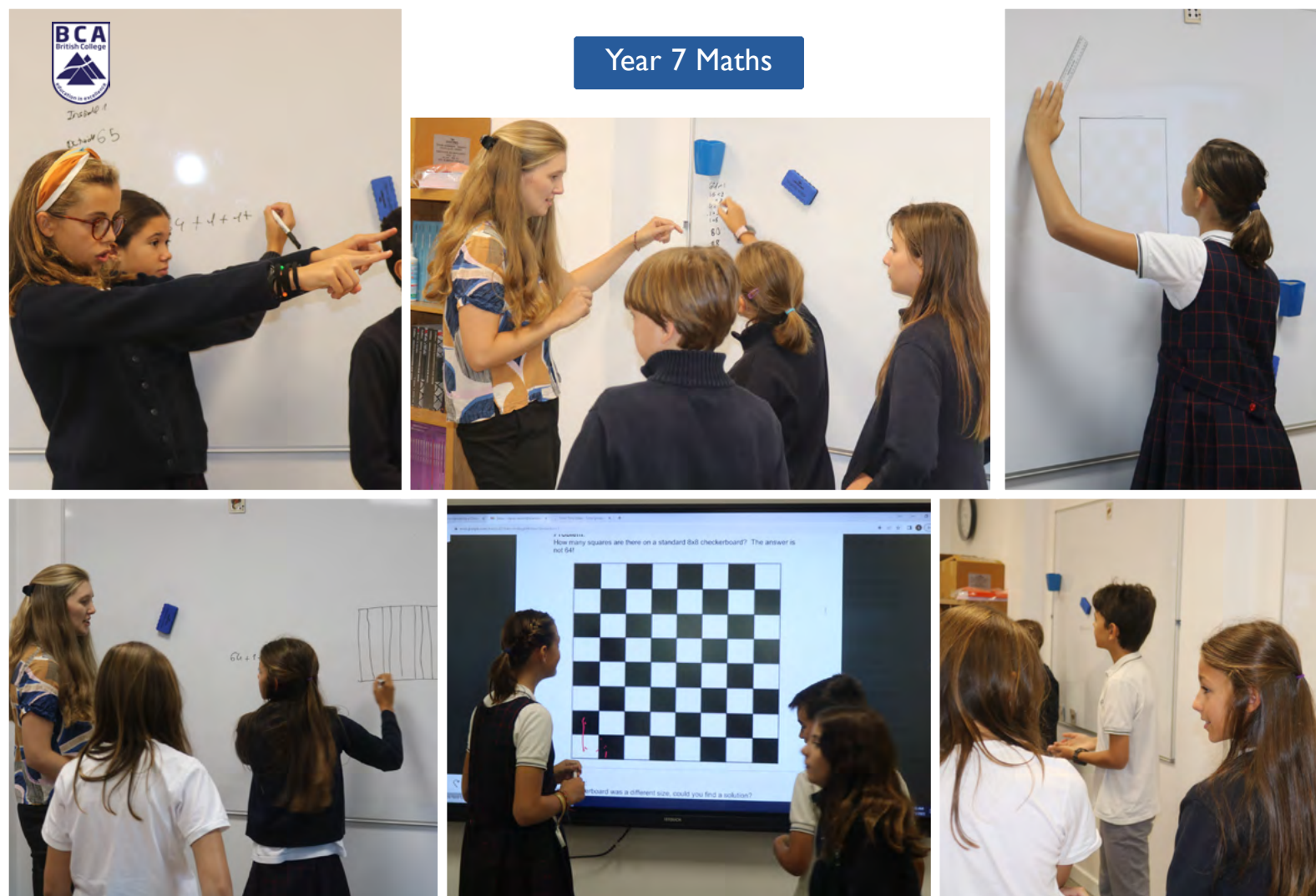
Year 6





Languages





Art



Intelligent Sports



Clubs



