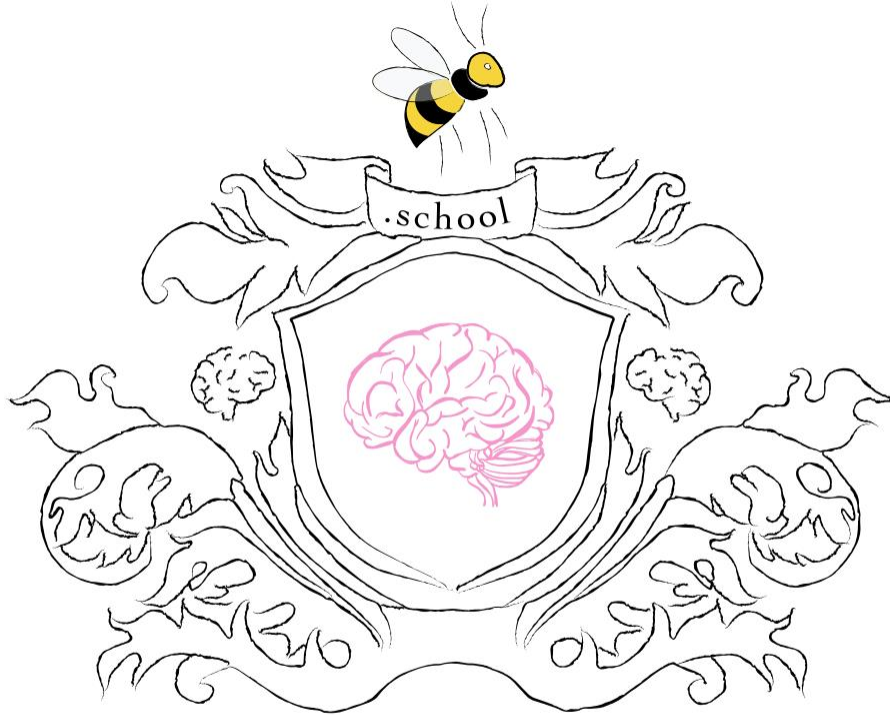




IRSEF
ISTITUTO DI RICERCHE E STUDI
SULL'EDUCAZIONE E LA FAMIGLIA



BBRAINY

BBRAINY

Smart School & Outdoor learning

About us?

There is education always of everyday and we believe there should be no time restrictions on a child's education. For this reason, you can choose any day of the year to enroll your child in the **"BBRAINY Smart School"** from the age of 2 up to 18. You can also choose to participate for half a day or full day or for a few hours, as it is more comfortable for the family. The frequency can also be chosen according to your comforts: every day or a few days a week.

Before the age of 2 we propose a special ad hoc program for infants and early childhood, the **"BBRAINY Childcare School"** where the Childcare Coach assists and educates them at home, raising bilingual or multilingual children. On request, parents can also receive ad hoc *training* on the innovative methodology used.

For both **the BBRAINY Childcare School** and the **"BBRAINY Smart School"** we offer blended courses both online and in "person. During the lessons in attendance, the child interacts with other students in the presence of the Education Coach to experiment, learn, discover, have fun and get involved with everything as provided by the personalized educational plan on each learner.

All-you can eat fruits and vegetables are available as snacks. We avoid foods such as gluten, *junk food*, various confectionery, sauces, and seasonings to avoid incurring food intolerances and allergies. Each student brings their own lunch and snacks from home. We ask that you be aware that *children cannot share their lunch with others for these reasons. Parents are asked to sign a form listing the allergies their child presents; following this modus operandi we can prevent any unpleasant arising circumstances. However, we are insured to ensure peace of mind while your child attends BBRAINY Smart School.*

To make it easier for the family, each can host the group of children with the Education Coach, also for convenience. Groups never exceed 6 pupils. If you are available to welcome the group in your home, one day or more per week or a month, you will be shown the planning schedule which part of the house will need to be made available. This possibility is convenient for those who struggle to accompany their child outside of the home, to participate in the activities of the BBRAINY Smart School.

The method of *kinesthetic learning* and T.P.R. to raise bilingual or multilingual children and enhance their problem *solving* and the talents that the child manifests from an early age, is covered in the book "**Raise your Kids Bilingual**" by Prof. Paola Liverani – Armando Editore. Bilingual Professor of Italian and English Language and Literature, Psychotherapist, Pedagogist, Language Coach, Counselor Trainer and Life Coach.

Paola Liverani focuses on effective strategies of teaching and learning idioms with both attention deficit and gifted students, and founded the Fun and Fitness Language Practice *Center* in Miami Beach in 2005 before she set up *BBRAINY Smart School* in 2019.

Outdoor schooling is the best strategy to identify and enhance and identify individual talents your child's potential.

A lot of work is done on giving gifted children the type of education that exhausts their silent demands for knowledge and intellectual challenges. Students with gifts and talents perform—or have the capability to perform—at higher levels compared to others of the same age, experience, and environment in one or more domains. They require modification(s) to their educational experience(s) to learn and realize their potential. The world of 'gifted' cannot be standardized, it is continuous discovery and growth, our approach is to voice to their intellectual development and provide education that maximizes their full potential

At BBrainy only we hire teachers who have completed at least a master's degree. Our educational coaches must be fully trained and knowledgeable on curriculum, pedagogy, and childhood education.

Goals

The BBRAINY resume aims to:

- Stimulate curiosity, inquiry, investigation, and critical thinking in the classroom
- Develop an innate enthusiasm in children and an enduring interest in learning
- Engage children in a naturally stimulating environment where they could use all their senses to learn
- Empower children with the skills of researching information and searching for answers instead of being dependent on instruction and direction by the teacher
- To enrich and develop children's individual abilities and talents to expand their mental potential
- Adhere to the children's individual various learning styles, readiness levels and abilities
- Tolerate the natural pace of children's learning to emerge instead of having time restrictions on their learning
- Encourage cooperation, peer work, and teamwork among children

What?

We especially see children as individuals who have "*preparation, potential, curiosity and interest in constructing their own learning... and in negotiating with everything the environment brings to them.*" (Gandini, 1992)

This is done through:

- High expectations of children's abilities and potentials
- Engaging and meaningful experiences for children
- Thoughtful questioning that raises children's high levels of critical thinking
- Continuous reflective feedback to children's ideas
- Children-initiated investigations and explorations
- Various learning centers inside an outside the classroom
- Daily assessments of children through careful observations and ongoing assessments
- Networking individual interests and needs for every child
- Ongoing display of documented projects and classroom activities with evidence of student learning
- Learning celebrations with student-led presentations

Teachers plan the Curriculum by integrating educational and educational goals with the daily specific request. We also create different situations within daily activities, routines, and intentionally designed play experiences to trigger children's curiosity and motivation to learn.

We are also in collaboration with the United Nation's 2030 Sustainability Goals for Education



BBrainy Smart School Curriculum

BBrainy Smart School's EDUCATION PROJECT

Importance of multilingual education

BBRAINY Smart School is a learning experience to improve English language learning, the most spoken language in the world after Chinese and Spanish. It is the second most popular language and is the official language in almost 60 sovereign states. More people have learnt it as a second language rather than as a native speaker. According to David Crystal of *Cambridge Core*, it is estimated that there are more than 2 billion English speakers. With the world transformed into an interconnected global system, we need a mutual language.

How can you communicate with the world if you don't speak its language?

BBrainy Smart School

The first years from birth to the age of five represent the most decisive phase in the development of children's initial skills that will influence their future learning methods and experiences. The development of neurological and physical functioning in recent years is unbelievable and it is important to provide quality and appropriate care for the development of children before formal schooling.

BBRAINY Smart School has a methodological-educational-didactic Montessori/Doman approach that allows children **to learn through understanding, rather than through being told**. We also integrate the best learning methods based on *Gardner's Theory of Multiple Intelligences* that highlights the idea that humans process information in different and mostly independent ways. Integrating everything to understand how a child's mind is developing is effective in identifying ad hoc strategies and outlining the appropriate curriculum. From this multifaceted educational exploration mode, the child can develop confidence and joy for learning within a personalized environment.

The *BBrainy Smart School* Curriculum represents an innovative, effective, personalized teaching style designed to meet the educational needs of every single learner. Unlike the direct educational approach, which focuses on teaching isolated and distinct concepts - regardless of the child's interests and basic knowledge - the *BBrainy Smart School's* curriculum focuses on empowering diagnosed individual skills and follows a *smart* learning approach. Smart is understood to be the enhancement of movement, gifted, and multiple intelligences, as well as the use of technology aimed at mentally enhancing young learners.

Why BBrainy Smart School Is Important

At BBrainy Smart School we create Tailored education needs. Between the teacher and the learner comes to create a sharing of souls and knowledge that makes manifest the rhythms of learning of one, on which the other, the teacher, can create a tailored education.

Glenn Doman's philosophy within the BBrainy Educational Project:

1. Every newborn baby has brilliant potential. BBRAINY Smart School provides students with the knowledge and tools they need to develop their potential right away.
2. Stimulation is the key to unlocking a child's potential. Stimulation by way of providing them with the freedom to learn and explore is how we encourage our students attending the *BBrainy Smart School*.
3. Teaching should begin at birth. The first year of life is a crucial stage, it is the moment when the brain grows exponentially. The brain grows for the use that it makes, so it should be stimulated with diversified learning units.
4. The smaller the child is, the easier the learning process is.
5. Teaching and learning require engagement, movement, and fun.

We observe each student's learning methods, and our Coaches design tailored tools, strategies and teaching on each child to fully experience the world around them. Importantly, there is a strong physical involvement in many activities, encouraging dexterity, balance and recognition of shapes, colors, and sizes.

We wire your child's ability to engage with new material and information and provide the tools to have fun in manipulation activities. Children are curious by nature and love to learn so it is the perfect method to start reading and language arts.

Glenn Doman believes that the best and time to expand the child's potential is before the age of 6 so it is extremely important that the first educational experiences of children are centered on problem *solving* and the development of deductive thinking. *BBrainy Smart School* is a healthy environment in which children can build trusting relationships with adults and peers, developing positive social interactions.

Key objectives and fundamentals contained in the Curriculum:

- appropriate mental and psychological age for curricular activities, established according to the results of the survey on the growth and psychophysical development of children.
- "It's a magical instrument, the brain" – Glenn Doman
- respect for the social and cultural affiliation of the background of each individual student who brings multicultural content to the Curriculum.

For teachers and counselors at *BBrainy Smart School*, it is essential to use ad hoc strategies to promote learning efficiency within student performance. Creative freedom allows children to acquire important skills that allow a different methodological didactic approach, the development of creative intelligence. The T.P.R. and Kinesthetic *Learning Methodology* pander to creative and cross-cutting intelligence.

Diversified and calibrated learning experiences in relation to each learner gives useful methodological insights into the life and growth of children. If we want children to engage in meaningful learning experiences that connect with their real lives, we need to make education relevant for them. Schools are somewhat limited in how much they can get children outside of the classroom. Homeschool parents have much more freedom in this area. Book work only consumes 2-4 hours per day, depending on your curriculum, therefore we have a lot of time left over to get our kids outside.

What's special about the *BBrainy Smart School* inspired by the Montessori Method?

The Montessori method is an integrated approach present throughout the Curriculum and in different modes as the child progresses by acquisitions and degrees of level, being the disciplines transversal and interconnected with each other vertically, with companions of different ages and abilities, and horizontally, with companions of equal attitudes and knowledge.

Grouping and evaluation

BBRAINY works to include parents in the indoor and outdoor learning experience. Parents are active partners in the developmental education of the child, supervising the educational plan (the Curriculum) and receiving the results of their child's weekly trends. Parents will be able to meet their children's strengths, weaknesses, and progress in the *BBrainy Smart School* learning experience based on our innovative teacher skills.

We assess the child when entering *BBrainy Smart School* using assessments to estimate their potential, in accordance with their ability and strength, then each child is assigned to a level of learning and from there begins his or her schooling with personalized curriculum and related ad hoc Learning Units. Students start at level 0 before the assessment and will start progressing at each level depending on progress and participation. Later, meetings are planned with parents to inform the progress of their child and how they can strengthen even from home.

Subsequently, learners find themselves in constant interaction with the child/child and teacher/learner with individualized teaching and socializing. Children are stimulated to give more and more based on their abilities and are never bored, observe, and learn from each other.

Mathematics Curriculum

The teaching of mathematics requires a practical approach, in which learning becomes the consequence of doing. The student who acts in the first person becomes the protagonist of his own learning path and supported by the motivation to do, can give concrete origin to solid and safe skills. The practical approach allows the exploration and discovery of facts, phenomena and relationships, the formulation and verification of conjecture, gives space to initiative and curiosity and facilitates access to meanings, it also helps to acquire/refine the mastery of the techniques of representation of mathematical objects, since the materials themselves are representation of concepts they help overcome excessive complexity and/or oversimplification in the learning process. Automating manipulation procedures is essential to advance the development of computational skills and allows to free up mental space for other cognitive tasks.

The learning of mathematical concepts begins concretely and is moving towards the abstract. Simple to complex concepts are developed. The procedure is taught first, and the act is occurring after. The child will experience order, coordination, concentration, and deductive autonomy.

LANGUAGE ARTS CURRICULUM

The language program begins by preparing the muscle memory of the child's hand and arm to draw and write through specially designed materials. First is learning how to hold the writing instrument. The child then moves on to learning the sounds of letters, reading and writing, through multisensory material in a gradual and logical way. Children have access to a wide variety of books including narrative, nonfiction, poetry, picture books, illustrated word books, multicultural books, and books in different languages. They also have access to a variety of writing tools, writing surfaces such as paper, whiteboards, whiteboards, other writing tools, magnetic letters with magnetic whiteboards and stencils.

The teacher begins to work with the students on every single letter, observed, traced, written, and pronounced, then moving on to reading and writing. Children will express creative freedom during dramatization where they will create their own stories using toys, paper, drawings, puppets, finger puppets, cartoon characters, etc.

Inspired by the Glenn Doman method, the BBrainy Smart School Curriculum also contains multisensory lessons and phonetics lessons. Below you can get an overview of the lessons and its functions. Through every conversation, every book read aloud, every new word being taught, the student learns the idiom; emphasis is placed on the language acquisition process.

Phonics

In *BBrainy Smart School*, the child listens and uses a vocabulary for all activities and is encouraged to converse with others. Teaching with flash cards, images combined with the sounds of the vocabulary and presented in sequence, are unconsciously absorbed by the hemisphere of the brain. Learning with the correct hemisphere of the brain allows us to store large amounts of information effortlessly. This type of teaching is particularly effective for much older children, who are more dominant in the right brain hemisphere than older children and adults. Using flashcards of words and images, the teacher pronounces the word the moment he shows the image. So, for example, during Word Flash, the child might hear "cat" and see the word "CAT". During Picture Flash, the child will see the image of the cat and hear the word "cat".

Multisensory

With multisensory lessons, your child will love watching animated, listening, and mimicking the sounds of animals and performing actions such as raising their arms or kicking their legs. During a multisensory lesson, the child will see a word followed by an image that illustrates the meaning of the word. Interacting with young minds is essential for *BBrainy Smart School*, to stimulate as many senses as possible (visual, auditory, kinesthetic). It helps to clap your hands when the teacher shows the word "applause" and to touch the ears when uttering or writing the word "ear". The more senses are involved, the easier it becomes for children to remember the word.

We believe that children learn the vocabulary through context, not having the meaning of the words explicitly taught to them - which is the way in which foreign languages, and reading, are usually taught at school-. By treating the written language as we treat the spoken form, a child can learn to read effortlessly and instinctually they he/she to speak. To understand the idiom through the ear, there are three requirements: it must be in a firm, clear and repeated tone and instinctively, all mothers speak or to their children in a strong, clear, and repeated voice. The reason why children have not learned their idiom through the eye of the brain as they have for the ear to the brain, is because to be read, a language must be expressed decisively, clearly, and repeatedly. Children learn very easily and quickly.

SCIENCE CURRICULUM

BBrainy Smart School starts students to use simple scientific tasks with which to practice and get involved in the first person then observe what happens. Children are encouraged to go out and explore nature. Most children are naturally curious to find out how things are done and *BBrainy Smart School* panders to them by also dismantling them, giving them the opportunity to see how these things are done and to get them back together. Among the scientific activities planned there is also the garden in the countryside where students will be

able to observe the stages of growth of what they sow, cultivate, and care for in growth. Science must be taken out of classrooms and where possible, it must be tested!

The *BBrainy Smart School* scientific curriculum aims to provide each child with a basic knowledge of zoology, botany, matter, energy, earth science, astronomy, human development, and personal health. Direct experience with the natural world, materials and scientific equipment is a guiding principle or guide where to observe and do our methods of learning. Children use real scientific materials and learn the correct nomenclature for things like animal classification, chemical processes, earth forces, botanical components, and rock types.

Students will be able to participate in Farmer Day! It will be a trip to the BBrainy Country House and farm once a week all year long to take care of botanic gardens and animals. Students will be able to pick their own fruits and make their own smoothies, by doing so, children will observe that we grow what we eat and how it affects how we grow. They will be able to see their food grow in the nursery and write down their observation in their farmer's almanac. They will participate in fruit picking and depending on the season they will observe that every season produces different fruits and veggies. This is an approach based on project learning, learning based on experiments. You can see that students can learn by books or by experimenting. In connection to the learning by doing BBrainy methodology.

GEOGRAPHY CURRICULUM

Through sensory experience and the use of reading, children from 3 to 6 years old learn about their physical world around them. They can compare a sphere to the globe, build three dimensional using the PlayDoh and fill water modules to highlight the oceans and seas. Puzzle and Lego maps are meant to be disassembled and put back together continuously as children learn continents and oceans. These practical activities build long-term memory and are part of kinesthetic learning's manipulative activities.

Arts Curriculum

At BBrainy, our students show reasonable control of movement, motor skills and eye/hand coordination, having been encouraged to express themselves in an artistic way. The Education of Primary Art seeks to strike a balance between skill education and free exploration and to encourage a child's natural desire for self-expression. We also try to build the vocabulary of a child's art; awareness of artists and their techniques and knowledge of the various forms of artistic expression, from architecture to painting, from sculpture to computer graphics.

Here at BBRAINY, we will nurture each child's interpersonal intelligence to develop their social emotional development. They will develop on self-awareness, social interaction, and

relationships. Through artistic adventures children also become aware and develop a respect for the contributions of the arts and artists to societies and cultures, past and present. They get a lasting appreciation of art from the two points of view of the participant and the audience. They acquire information about how art is a non-verbal method for expressing opinions, perceptions, feelings, and history. Finally, they begin to realize the connections between art and their daily life in areas such as mathematics, nature, cooking and sport.

Quiet area

We cannot get children to participate in group activities if they do not want to, we can only encourage. Students will have the opportunity to have a quiet place, such as secret hideouts, where they can have a space to meditate and relax.

COVID-19

Outdoor Education involves many innovative experiments have developed not only within the longer-standing North European international experiences, but for the meritorious initiative of those local companies that have positively invested in this area."

Speaking of "outdoor education", meaning school and other institutions, it would not have been left behind if the suggestions of great pedagogues and educators, such as Maria Montessori and Gianfranco Zavalloni (founder of the "peace gardens"), and of that legislation that remained unfulfilled, it had been heard and applied in the past: "In the community environment, there must be a special role in the community environment: , free and free, with convenient equipment and a reasonable distance from the dwellings, defended from the dangers of traffic and intense life, where children can carry out free recreational, cultural, recreational and sporting activities, with the assistance of specially trained staff and with the possible participation of parents and adults". (art. 5 Charter of the rights of the child to play and work).