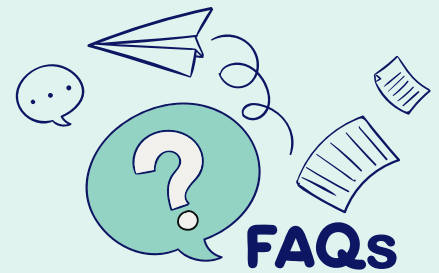




# fuelingbrains

Nurturing Infinite Potential



## ■ What is Fueling Brains?

At Fueling Brains, we know from research that Early Childhood Education is the key to setting up children for lifelong success. However, the child's success is dependent on development of the brain's Executive Function.



The development of Executive Function skills is therefore at the core of what we do. We ensure this through our integrated whole-brain learning system focusing on Left Brain, Right Brain, and Movement. We are a research-based brain development preschool that brings the best of technology, systematic learning programs and child care expertise to nurture infinite potential in your child.

## ■ Is Fueling Brains a new entrant in the early childhood education sector?

Fueling Brains is the brainchild of the same team that is behind Kids U Canada, an industry leader with 8 campuses around Calgary and a world renowned learning system. The executive team has over 40+ years of collective experience in preschool, management, and child care. Fueling Brains is not just an online preschool but a highly developed learning system that incorporates systematic brain development using state of the art Left Brain, Right Brain and Movement curriculum along with a brain metrics system.

We also provide specialised training to educators and parents on how to best implement the 'Fueling Brains' system to maximize the fluid intelligence and IQ of children.

## ■ We have heard of deficit based learning but what exactly is asset based learning?

An asset-based approach focuses on strengths. It views diversity in thought, culture, and traits as positive assets. Teachers and students alike are valued for their strengths rather than being characterized by what they may need to work on or lack.

Asset-based teaching (also known as strengths-based teaching) seeks to unlock childrens' potential by focusing on their talents. On the other hand the deficit-based teaching highlights childrens' inadequacies.





## ■ What is meant by brain-based learning?

Brain-based learning is an innovative approach which incorporates research in neuroscience, developmental psychology, and early childhood education. The objective of brain based learning is to build Executive Function skills, including working memory, impulse control and cognitive flexibility. These skills are a predictor of children’s long-term physical, mental and emotional health. Enhancing your child’s Executive Functions lies at the heart of Fueling Brains; we recognize that these are highly essential to children’s success and happiness in the classroom, at home and beyond.

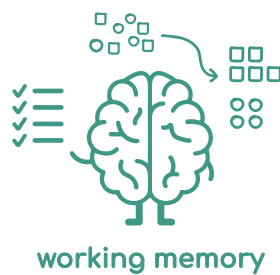


## ■ What are considered to be the core Executive Function skills?

The three main areas under Executive Function skills are Cognitive Flexibility, Working Memory and Inhibition. Cognitive Flexibility: Adjusting to changing demands; shifting between projects; and task switching Working Memory: Using information to plan, organize and solve problems Inhibition: Impulse control, emotional control and self-monitoring.



cognitive flexibility



working memory



inhibitory control

## ■ Why is building Executive Function considered so important at Fueling Brains?

These skills are a set of mental processes that work like an air traffic control system in the child’s brain, enabling them to plan, focus attention, remember instructions and more. This “air traffic control system” is foundational to learning and is built in our classrooms through daily activities. Science has shown that individuals with stronger executive functions are more successful later in life, including better overall health and wellness.

Executive Function Skills and abilities help children so that they can grow up to be fearless, make conscious decisions, manage their impulses, regulate their emotions, and many more!



## ■ How do Left Brain classes help in child development?

Our Left Brain classes apply the Montessori method of education, where children are given the independence and freedom to learn at their own pace. It is a work-based class that promotes the development of concentration skills through prepared materials and practical life activities. It addresses the following development areas:

- Development of grace and courtesy
- Concrete activities support abstract concepts
- Five distinct learning areas, including language, mathematics, practical life, sensorial and culture and geography



## ■ How does the Right Brain curriculum help?

Our Right Brain classes are inspired by the Reggio Emilia philosophy, where children's interests guide the learning and each student is seen as capable and competent. In this online class, children learn through projects, exploration and free play, giving them endless opportunities to express themselves and their individuality.

It addresses the following development areas in children:

- Development of critical thinking and problem solving skills
- Project and play-based learning
- Development of the imagination to create and investigate
- Opportunities for social and relationship opportunities



## ■ What is the purpose of a Movement class?

Our Movement classes support the development of positive health habits through a physical education program that explores a variety of movement activities and team sports.

It addresses the following development areas in children:

- Mind-body connections
- Daily physical activity
- Focus on nutrition and the body



## ■ Why is Brain Metrics Assessment so crucial in the learning process?

Our team regularly performs a Brain Metrics Assessment on every child. It is a non-intrusive assessment used to gauge a child's performance and changes in behaviour. Our proprietary assessment model helps to evaluate a child's progress so that program schedules can be reorganized for a high level of long-term results. These assessments will identify how best to tweak a child's program schedule. It also improves the quality of feedback available to parents.

## ■ How do Fueling Brain courses lead to whole child development?

Fueling Brains online courses build emotional well-being and social competence and set a strong foundation for emerging cognitive abilities. Together they lead to 'whole child development' and contribute to success in life.




## ■ What makes Fueling Brains online preschool so impactful?

We understand that online learning is the norm for now and the future, and that learning should not be limited to a physical school only. Fueling Brains implements the best practices of online learning to ensure highly engaging and fun classes for children.

- **Face-to-face interactions.** It's important for children to have online face-to-face interactions with their teachers. Fueling Brains allow children to be together with their teacher and peers in the online classroom.
- **Understanding needs and measuring performance.** At Fueling Brains, we conduct brain metrics assessment and provide quality feedback to parents, track performance, customize curriculum and measure positive changes in attitude.



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- **Students need multiple ways to engage with curricula.** At Fueling Brains children experience a variety of Left Brain, Right Brain and Movement activities daily which are motivational and fun!
  - **Communication with Parents:** Fueling Brains ensures that we have real time communication with the parents. To ensure this, we use the Brightwheel app. This helps parents to communicate with teachers, give feedback, keep track of lesson plans, notifications and children's performance.



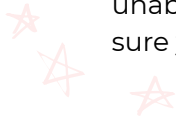
## ■ Which class option is best for my child to begin with?

Our Infant, Toddler, and Preschool programs develop students from basic to advanced skills, guided by certified teachers. Parents can choose from Exploration, Immersion, and Mastery class options that best suit the child's learning needs and daily routine. We recommend that you evaluate the options based on your time schedule, child needs and convenience. Rest assured, whichever class you choose, our experienced teachers would be able to guide you through the journey of your child's growth and development.

## ■ How can I help my infant or toddler to get the most out of the class?

Infant and toddler classes will rely on you as the parent/guardian to actively participate in what is happening in the classroom. If it means dancing, creating art and listening to a story, you will be their best teacher, at home, to show them what is expected. Ask your child questions rather than telling them what to do, and narrate their play for them. Our teachers are happy to help you learn how to do this, be sure to connect with us if you want more support!

## ■ How do I set up the materials for my child?



We recommend a designated learning area, with a shelf for left brain materials, and art caddy for right brain materials, and a laundry basket for movement materials. Keep them all stored together, visible and available to your child in their home classroom environment. If you are unable to create a designated space in your home, then at the very minimum, please make sure your materials are available for your child to access independently.

## ■ What are the technology requirements?

To get the most out of the classroom learning experience, we ask that you have:

- TV with HDMI Connection
- Wireless Headphones with Integrated Mic
- Laptop/Tablet with HDMI Connection
- Internet
- HDMI Cable
- Webcam

We recommend that you complete a test session to ensure that the equipment is working properly. Should you need assistance or have questions- we are happy to help!

## ■ Who can I contact for any technical assistance?

Contact our tech support team for assistance at [admin@fuelingbrains.com](mailto:admin@fuelingbrains.com) or on our instant messaging system.

