

# Brain Based Learning Theory

Charlotte Learning Academy will utilize the Brain Based Learning Theory for curriculum development and teaching method strategies. Brain Based Learning Theory is consistent with our mission, our founding principles and our overall beliefs in how student's best learn; mainly, a student learns most effectively when a teacher can present information to that student in the way that student best processes and retains information. Through the Brain Based Learning Theory and cooperative learning techniques, Charlotte Learning Academy will provide a sound student-centered educational approach for its students.

The Brain Based Learning Theory is centered on the idea that learning involves conscious and unconscious processes, is inhibited when students are threatened, can involve different senses, and involves the processing of whole and partial information. Often, we look at a student's learning style as a one way street to educate them. However, there are multiple ways of learning, and each of us might utilize different aspects and areas of our brains in order to process information in the most efficient manner. Teachers at CLA will receive training on the most effective ways to identify each student's learning style and to adopt teaching strategies that are ideal for that style.

## **How Brain-based Learning impacts education:**

- Curriculum – Teachers design learning around student interests and make learning contextual.
- Instruction – Educators let students learn in teams and use peripheral learning. Teachers structure learning around real problems, encouraging students to also learn in settings outside the classroom and the school building.
- Assessment – Since all students are learning, their assessment should allow them to understand their own learning styles and preferences. This way, students monitor and enhance their own learning process.