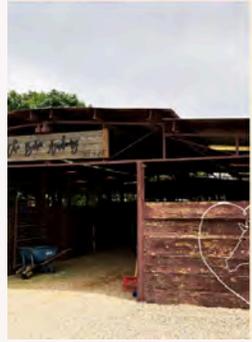


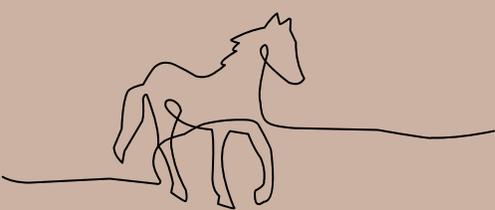
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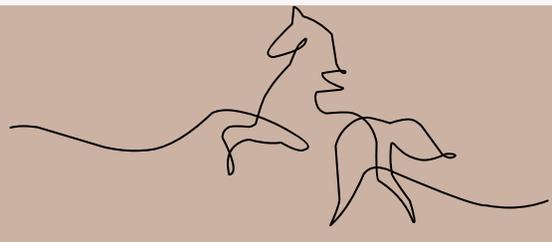
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THE BARN ACADEMY





The Barn Academy

Our academy is the standard for inclusive therapeutic education, integrating essential therapies to support children of all abilities. It uses innovative approaches, including aquatic properties and equine movement.

Therapeutic Approaches:

Equine Assisted Therapy: Occupational therapy, physical therapy, and speech language pathology professionals use evidence-based practice and clinical reasoning in the purposeful manipulation of equine movement as a therapy tool.

Therapy with Water Properties: Being submerged in water provides sensory support like Hydrostatic Pressure, Vestibular Stimulation, and Proprioceptive Feedback. This helps students develop sensory processing, reach physical milestones, and strengthen social and self-regulation abilities.

Speech & Language Therapy (ST): Utilizes a holistic, child-directed developmental play approach to speech and language.

Occupational Therapy (OT): Also uses a holistic, child-directed developmental play approach to enhance fine and gross motor skills, cognitive abilities, and self-regulation.

Physical Therapy (PT): Focuses on helping children gain and regain function and improving gross motor function, using a child-directed developmental play approach.

Feeding Therapy: A program involving specialized speech and occupational therapists to enhance oral motor skills and expand food choices in a safe, nurturing environment.

Academic Curriculum:

STEM: Focuses on playful, hands-on exploration in Science, Technology, Engineering, and Math, building curiosity and problem-solving skills.

Life Skills: A real-world, sensory-rich program with built-in routines promoting independence and responsibility. Activities include Activities of Daily Living (ADLs) and Executive Function/Self-Management.

Science/Social Studies: Both subjects use hands on thematic, monthly units and offer differentiated levels (typically 1-3) to match diverse needs.

Phonics: Uses systematic and explicit instruction, grounded in the Science of Reading, and incorporates multi-sensory instruction.

Math: Uses evidence-based practices like Explicit Instruction and the Concrete-Visual-Abstract (CVA) Framework. Math concepts covered include Counting & Cardinality, Numbers & Operations of base 10, Measurement & Data, Numbers & Fractions, Geometry, and The Number System.

Other Programs:

Social Emotional Learning: Uses a curriculum that develops self-aware, resilient students through a scope and sequence of Self-awareness, Self-management, Social awareness, Relationship skills, and Responsible decision making.

Adaptive PE: Provides inclusive and accessible sports and physical education activities by modifying equipment and adjusting rules.

Extra Curricular: Includes Kind Games, an innovative adaptive sports program.

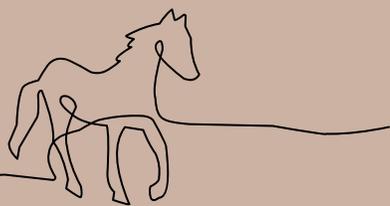
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1st/2nd grade schedule



8:45 AM - 9:00 AM Morning Arrival

Overview: Students arrive, unpack, and settle in for the day. Objective: Establish a calm positive environment to start the day.

9:00 AM - 9:30 AM Morning Circle

Activities: Welcome activities, question of the day, sharing, and daily announcements. Focus: Building community, routines, boundaries, and encouraging communication skills.

9:30 AM - 10:15 AM Literacy Block

Content: Reading and writing activities using the Unique Learning Curriculum technology, and literacy-rich interactive books

Skills Targeted: Phonemic awareness, phonics, fluency, vocabulary development, and comprehension.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

10:15 AM - 11:00 AM Math Workshop

Content: Hands-on learning with math concepts, including problem-solving strategies, technology and individualized practice.

STEM Focus: Incorporates measuring, patterning, and basic robotics.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

11:00 AM - 11:30 AM Social-Emotional Learning (SEL)

Activities: Focus on self-awareness, understanding emotions, and social skills through books, role-playing, card games, board games and group discussions. Objective: Enhance emotional intelligence and empathy.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

11:30 AM - 12:30 PM Recess and then lunch.

Overview: Enjoy outdoor play and social interaction together followed by lunch and relaxation.

Importance: Supports social development and physical health.

12:30 PM - 1:15 PM Special Programs on Alternating Days:

Music Program: Exploration of rhythm and sound. **Arts and Crafts:** Creativity through various materials.

Adapted PE: Inclusive physical education focusing on motor skills. **Library:** Check out and return books.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

1:15 PM - 1:45 PM Science/Social Studies

Content: Engaging units of study that promote inquiry, exploration, and understanding of the world around them.

Highlights: STEM concepts through hands-on experiments and cultural exploration.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

1:45 PM - 2:15 PM Computer Lab

Content: Individual or small group sessions focusing on technology skills, typing, and educational software

Objective: Enhance digital literacy and online research skills.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

2:15 PM - 3:00 PM Life Skills Curriculum

Activities: Practical experiences and hands-on activities focused on essential skills like baking, cooking, budgeting, cleaning, and problem-solving. Skills Developed: Independence and responsibility.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

3:00 PM - 3:30 PM Wrap-Up and Reflection

Activities: Review the day's lessons, share highlights, and discuss plans for the next day.

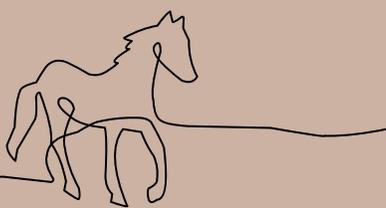
Objective: Reinforce positivity, learning and promote a growth mindset.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

3:30 PM - 3:45 PM End of Day Routine

Overview: Pack up belongings, complete dismissal activities, and prepare for pick-up.

Importance: Develops organization and responsibility for personal items.





Pre-k/Kindergarten schedule



8:25 AM - 8:30 AM Morning Arrival

12:25 PM- 12:30 PM Afternoon Arrival

Overview: Students arrive, unpack, and settle in for the day. Objective: Establish a calm positive environment to start the day.

8:30 AM - 9:00 AM Morning Circle

12:30 PM - 1:00 PM Afternoon Circle

Activities: Welcome activities, question of the day, sharing, and daily announcements. Focus: Building community, routines, boundaries, and encouraging communication skills.

9:00 AM - 10:00 AM Literacy Block M/W & Math/STEM Workshop T/TH

1:00 PM - 2:00 PM Literacy Block M/W & Math/STEM Workshop T/TH

Content: Reading and writing activities using the Unique Learning Curriculum technology, and literacy-rich interactive books

Skills Targeted: Phonemic awareness, phonics, fluency, vocabulary development, and comprehension.

Content: Hands-on learning with math concepts, including problem-solving strategies, technology and individualized practice.

STEM Focus: Incorporates measuring, patterning, and basic robotics.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

10:00 AM - 10:30 AM Special Programs on Alternating Days:

2:00 PM - 2:30 PM Special Programs on Alternating Days:

Music Program: Exploration of rhythm and sound. **Arts and Crafts:** Creativity through various materials.

Adapted PE: Inclusive physical education focusing on motor skills. **Library:** Check out and return books.

Bathroom/Brain Break 5-10 min transition (yoga, freeze dance, simon says, line dance, animal walks)

10:30 AM - 11:00 AM Recess and then snack

2:30 PM - 3:00 PM Recess and then snack

Overview: Enjoy outdoor play and social interaction together followed by snack and relaxation.

Importance: Supports social development and physical health.

11:00 AM - 11:15 AM Social-Emotional Learning (SEL)

3:00 PM - 3:15 PM Social-Emotional Learning (SEL)

Activities: Focus on self-awareness, understanding emotions, and social skills through books, role-playing, card games, board games and group discussions. Objective: Enhance emotional intelligence and empathy.

11:15-11:25 AM Wrap-Up and Reflection

3:15-3:25 PM Wrap-Up and Reflection

Activities: Review the day's lessons, share highlights, and discuss plans for the next day.

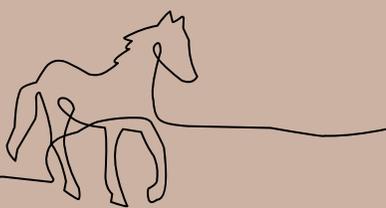
Objective: Reinforce positivity, learning and promote a growth mindset.

11:25-11:30 AM End of Day Routine

3:25-3:30 PM End of Day Routine

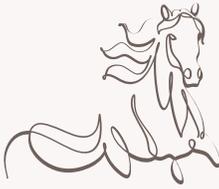
Overview: Pack up belongings, complete dismissal activities, and prepare for pick-up.

Importance: Develops organization and responsibility for personal items.



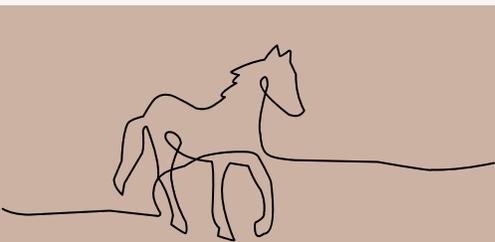
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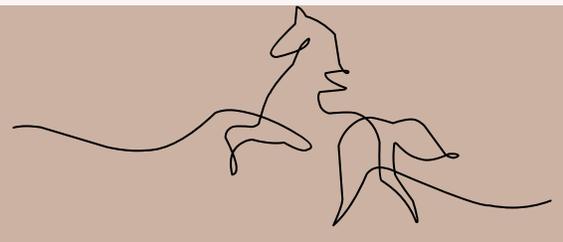


Curriculum

The Barn Academy strives to set the standard for inclusive therapeutic education, harmoniously integrating essential therapies to support children of all abilities. We envision a world where every child has the opportunity to thrive, fostering a profound connection between each individual and their environment through our innovative approaches, including aquatic properties and equine movement.



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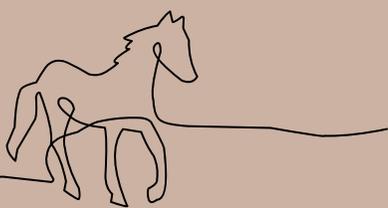
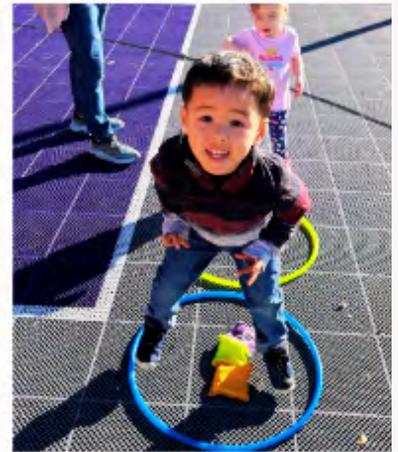
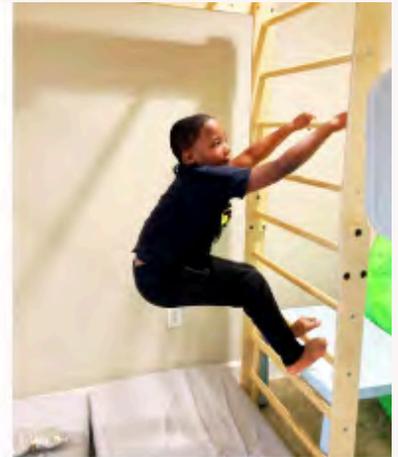




Natural Environment

WHERE PLAY MEETS PROGRESS: NURTURING GROWTH THROUGH COLLABORATIVE CARE!

Children have an internal drive to be successful, therefore our educators, therapists and coaches will lead them through the stages of development in order to achieve their personal best.



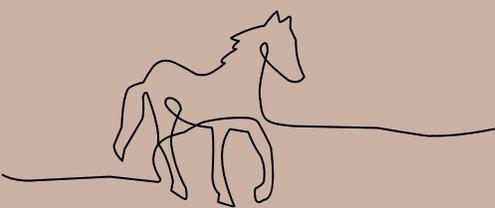
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Equine Assisted Therapy

The term equine assisted therapy refers to how occupational therapy, physical therapy and speech language pathology professionals use evidence-based practice and clinical reasoning in the purposeful manipulation of equine movement as a therapy tool to engage sensory, neuromotor and cognitive systems to promote students' functional outcomes.



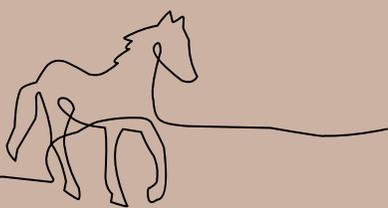
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Therapy with use of Water Properties

Being submerged in water provides calming support, pressure, and buoyancy that helps students with disabilities develop their sensory processing skills, reach new physical milestones, and strengthen their social and self-regulation abilities. It provides students three types of sensory support: Hydrostatic Pressure, Vestibular Stimulation, and Proprioceptive Feedback. Therapy with the use of water properties improves core strength, motor planning, fine motor skills, coordination, range of motion, balance, breath control, and endurance.



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STEM

Our STEM program stands for Science, Technology, Engineering, and Math. At The Barn Academy STEM is all about playful, hands-on exploration that builds curiosity, problem-solving, and early foundational skills.

Science: Observing and exploring the world (plants grow, magnets stick, ice melts).

Technology: Using tools to solve problems (scissors, tablets, thermometers, simple apps).

Engineering: Building and designing things (blocks, bridges, ramps, LEGO).

Math: Counting, measuring, sorting, patterns, shapes.

What STEM looks like in our classrooms:

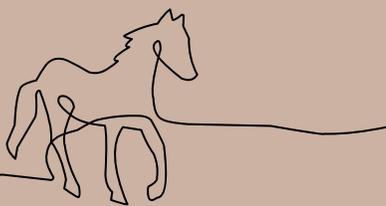
Inquiry and play: Asking "What happens if...?" and trying it out.

Hands-on activities: Building with blocks, testing ramps, mixing safe materials.

Early data skills: Counting, comparing, charting simple results.

Vocabulary and communication: Naming tools and parts, explaining ideas with drawings and words.

Collaboration: Working in pairs or small groups to plan, build, test, and improve.



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Life Skills

Our Life Skills program is a real-world, sensory-rich environment for functional learning. We use natural differentiation so tasks scale in complexity for varied abilities. Our built-in routines promote independence, responsibility, and empathy.

What Life Skills looks like in our classrooms:

Activities of Daily Living (ADLs)

Personal hygiene routines, dressing for weather/chores, handwashing protocols.
Healthy snacks/meal prep (washing produce, assembling sandwiches, portioning).

Safety & first aid basics (hydration, sun safety, recognizing fatigue).

Executive Function & Self-Management

Visual schedules, timers, and checklists for daily routines.

Task analysis: breaking chores into steps (e.g., feeding, measuring, cleaning).

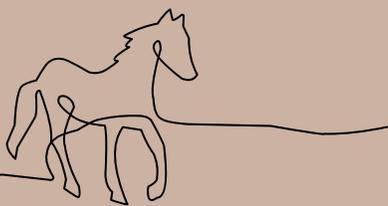
Goal-setting and reflection journals (written, visual, or voice-recorded).

Communication & Social Skills

Functional communication for requests, turn-taking, and help-seeking.

Peer collaboration: chore partners, role rotation, group problem-solving.

Self-advocacy scripts ("I need a break," "I prefer...", "Can I try...").



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Science

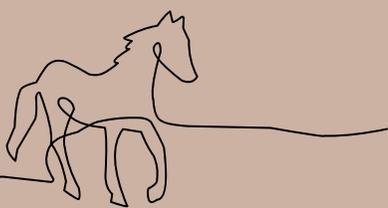
Our Science content is aligned to state extended standards, presented with age-respectful topics and visuals for each level. Thematic, monthly units: Science topics (e.g., ecosystems, weather, simple machines) are taught through monthly themes. Those themes connect across subjects, so scientific ideas are reinforced in ELA, math, and life skills. Differentiated levels (typically Level 1-3): Every science lesson is available at multiple levels to match diverse communication, literacy, and cognitive needs. The core concept stays consistent, while text complexity, symbol support, and task demands adjust.

Instructional design

Explicit instruction and scaffolded routines: Lessons follow clear routines (model → guided practice → independent/assisted practice), with supports like visuals, sentence starters, and response options.

Gradual Release of Responsibility: Teachers first demonstrate the concept, then guide responses, and finally provide opportunities for more independent engagement—always with accommodations.

Multi-modal learning: Science lessons include adapted texts, symbol-supported vocabulary, interactive activities, short experiments or hands-on tasks when appropriate, plus visual organizers to build understanding.



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Social Studies

Our social studies program is organized to teach age-respectful, grade-banded content so we use thematic, monthly units. Content is delivered through monthly themes (e.g., community, geography, citizenship, history).

Built-in differentiation (3 levels): Every core text and activity typically comes in three levels so nonreaders, emerging readers, and more fluent readers can work on the same concept with appropriate support.

Symbol-supported resources: Leveled texts, vocabulary, and visuals use symbol support (e.g., SymbolStix) to make abstract social studies concepts concrete and accessible. Integration across subjects: Social studies lessons explicitly embed literacy (comprehension, vocabulary) and often math/functional skills to reinforce learning in context.

Our scope and sequence is self, family, community, community helpers, rules and laws, basic geography, national symbols, and holidays. A monthly unit is usually broken into weekly lessons (e.g., Week 1: concepts and vocabulary; Week 2: reading and comprehension; Week 3: application and projects; Week 4: review/assessment or enrichment).

Core components we utilize:

Leveled articles/chapters with text-to-speech

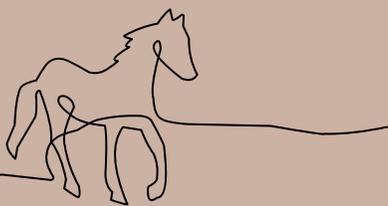
Pre-teaching of vocabulary with symbols

Comprehension checks (literal → inferential, aligned to the level)

Map/graphic activities (labeling, matching, sorting, timelines)

Hands-on/community-based extensions (role play, community helper tasks, mock voting)

Quick checks and end-of-unit assessments aligned to extended standards



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Phonics

Our Phonics Program offers systematic and explicit instruction in letter-sound relationships, decoding, and encoding. Our program is grounded in evidence-based practices derived from the Science of Reading. The program uses explicit, systematic instruction to teach the foundational skills students need to read fluently. Explicit instruction is a systematic and structured approach that follows a clear framework:

Opening, Teacher Modeling ("I Do"), Guided Practice ("We Do"), Unprompted Practice ("You Do"), and Closing. Systematic instruction follows a progression: learn the sound-spelling pattern, read/write words, read/write phrases/sentences, and read a connected text.

The program incorporates other strategies:

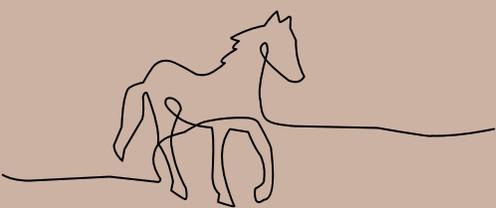
Multi-sensory Instruction (visual, auditory, tactile, kinesthetic activities like sky writing, tapping out sounds, using mirrors, and word mapping).

Dictation to improve blending and segmenting sounds.

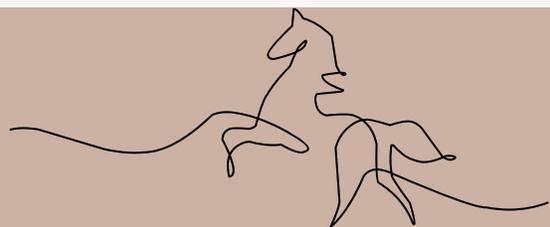
Blending Chains and Word Ladders for quick practice.

Repeated Practice and Readings to build proficiency and fluency.

Varied Passage Reading (multiple passages, a graphic novel, and a Reader's Theater) to help students generalize skills.



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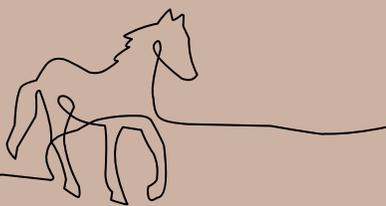
Writing

Our writing lessons within the Unique Learning System (ULS) are designed for students with all abilities and expose them to different types of writing instruction through extended standards. We use evidence-based practices for writing instruction focusing on: Explicit instruction, Establishing a classroom writing environment and culture, Self-regulation strategies, Connecting reading and writing and Assistive technology

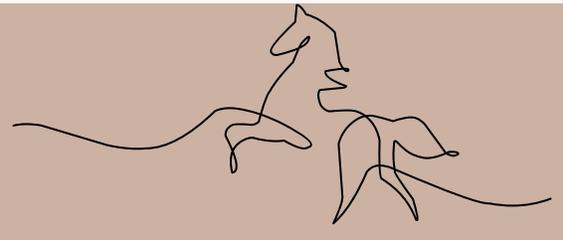
Students move through a series of stages as they develop writing skills, and they may move back and forth between these stages. The stages of emergent writing development include: Drawing and scribbling, Letter-like forms and shapes, Transitional writing, Invented and phonetic spelling and Conventional writing

Skilled writing involves the execution and coordination of attention, motor, visual, executive functioning, memory, and language, along with a writer's knowledge, skills, and processes. Key components include: Critical thinking, Grammar and conventions, Text structure and organization, Writing craft, Transcription (spelling, handwriting, and/or keyboarding), and the Writing process (Planning, Drafting, Evaluating, Revising, Editing, Sharing)

HWOT- Handwriting without tears is an evidenced based curriculum, developed by Jan Olsen OTR/L. It is a developmentally based program designed to progress a child FM and visual motor skills with interactive activities. It uses auditory, tactile and kinesthetic activities to help gain children's attention and ensure success for all learning styles.



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Vocabulary

Our vocabulary lessons focus on strategies and skills for developing word meaning, recognizing the interdependence of vocabulary with phonemic awareness and word study.

Vocabulary refers to the words needed for effective communication. It is categorized as oral vocabulary (used in speaking or recognized in listening) or reading vocabulary (recognized or used in print). For beginning readers, children use words they have heard to make sense of words in print. Effective instruction for vocabulary must use a variety of methods, including:

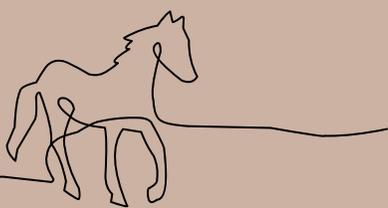
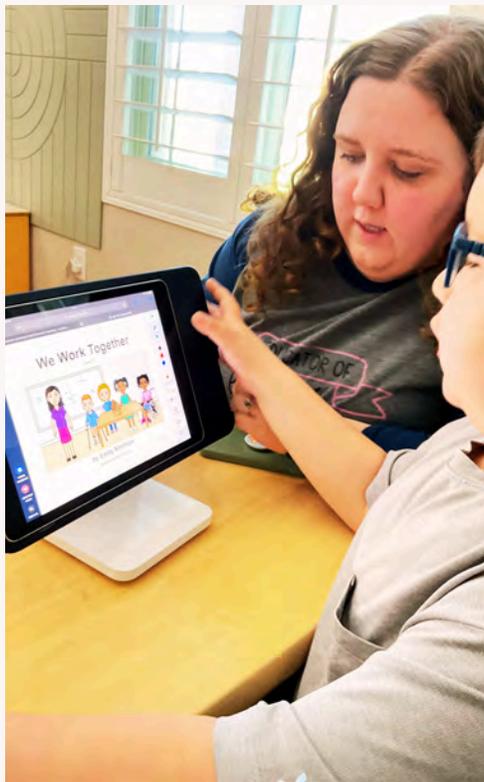
- Multimedia aspects of learning
- Richness of content
- Active student participation
- Numerous exposures to words

Vocabulary Tiers for Students with all abilities

Tier 1: Basic Words: High frequency words in the student's environment that most students will recognize receptively, e.g., *Mom, Dad, home*.

Tier 2: Useful Words: Words frequently encountered across multiple environments, situations, and text, considered necessary for listening and reading, e.g., basic high-frequency sight words like (play, the, come). This tier is the suggested focus for most vocabulary instruction.

Tier 3: Low-Frequency Words: Words important for understanding a particular content, occurring in low frequency in daily conversations or text reading, e.g., (universe, experiment, ecosystem).



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Fluency

The Barn Academy focuses on fluency as the third pillar of reading instruction. Fluency is defined as the ability to read text accurately, at an appropriate rate, and with expression.

Components of Fluency:

Accuracy: Accurately decoding and recognizing words, which leads to automaticity (fast and effortless word recognition).

Rate: Reading at a speed that matches the text's complexity and comprehension skills, avoiding reading too slowly or too quickly.

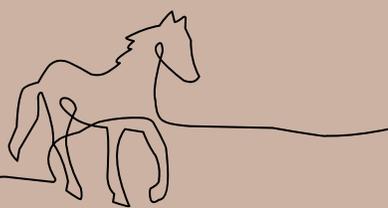
Expression: Using appropriate phrasing, emotion, emphasis, and tone to reflect the meaning, mood, or purpose of the text.

Importance of Fluency:

It is crucial for skilled reading and effective communication.

It improves comprehension, vocabulary, confidence, engagement, and supports higher-level thinking.

A reader's short-term memory capacity and divided cognitive energy (focusing on decoding vs. comprehension) affect reading rate.



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Math

Our math program focuses on evidence-based practices embedded throughout the Unique Learning System (ULS). Math proficiency includes a combination of conceptual and procedural understanding, and fluency.

Evidence-Based Practices for Mathematics Instruction:

Explicit Instruction: A structured, direct teaching approach that breaks down complex skills, provides step-by-step guidance, modeling, ample practice, and immediate feedback. It often uses scaffolded instruction, following an "I Do" (Teacher models), "We Do" (Teacher/Student work together), and "You Do" (Student practice) sequence.

Anchored Instruction and Real-Life Applications: Connects skills to authentic, meaningful, real-world problems to increase motivation and engagement.

Concrete-Visual-Abstract (CVA) Framework: A multisensory approach using multiple representations to build conceptual and procedural understanding.

Concrete: Using objects or manipulatives.

Visual: Using 2D drawings or images.

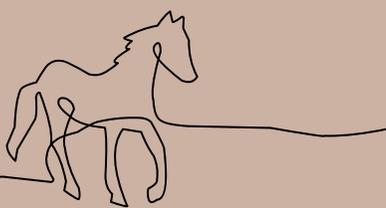
Abstract: Using numbers and symbols.

Metacognitive Strategies: Tools that help students plan, monitor, and modify their problem-solving, such as self-talk, self-monitoring, and self-reinforcement.

Mnemonics: Strategies like keyword, pegword, and letter mnemonics (acronyms/acrostics) to improve memory of new strategies or procedures.

Mathematical Language: Explicitly teaching and routinely using precise and concise vocabulary, technical terms, and language structures.

Fluency-Building Activities: Frequent, brief (1-5 minutes) opportunities for fact practice to develop the ability to solve problems accurately and efficiently. These activities are for practice, not summative testing.



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Counting & Cardinality

Counting is the process of saying numbers sequentially or in order. Cardinality is the understanding that the last number said when counting represents the total number of items in a set. Counting and Cardinality involves identifying numerals, counting a set of objects, one-to-one correspondence, sequencing numbers, and comparing numbers and quantities.

Strategies to Support Counting and Cardinality:

How Many? (One-to-One Matching): The learning goal is "I can count bugs and tell how many". It uses insect counters and number strips to practice counting with one-to-one correspondence.

Ten Frames: The learning goal is "I can use ten frames to count numbers". It uses counting cubes or chips and ten frames to count, produce, and construct numbers and quantities, including counting on from five.

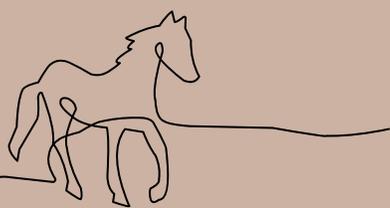
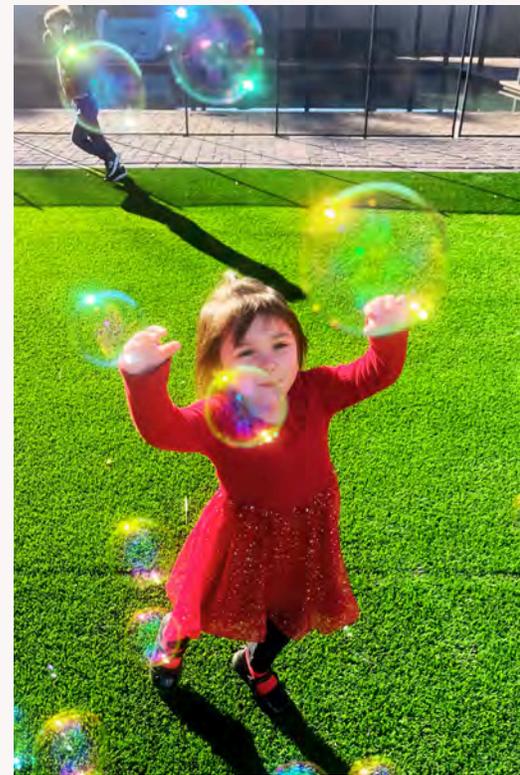
Skip Counting: May be introduced with counting guides to help with efficiency when counting larger amounts by 2s, 5s, or 10s (e.g., counting pennies by 1s, nickels by 5s, and dimes by 10s).

Naturalistic Counting: Involves opportunities to count throughout the day, such as matching a spoon to each place setting or passing out snacks.

Compare Numbers (More or Less?): This skill can be integrated into many math concepts, using objects or a number line to show more (to the right), less (to the left), or equal.

Hundreds Chart: A visual tool that shows the relationship, order, and value of numbers from 1 to 100 and supports sequencing and skip counting.

Counting All and Counting On: Reinforce one-to-one correspondence and early addition skills. Counting all combines two sets and counts the total. Counting on identifies the first set's number and counts from there.



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Numbers & Operations of base 10

Our program focuses on understanding the number system that uses 10 digits (0-9). The position of the digits determines their value, with the ones place being furthest to the right. It includes extending the counting sequence, using place value for operations (add, subtract, multiply, divide), and performing operations with multi-digit numbers and decimals.

Strategies to Support Numbers and Operations in Base Ten:

Showing Tens and Ones:

Objective: Represent two-digit numbers using concrete manipulatives.

Materials: Counting manipulatives (bugs, counters, blocks, etc.), cups, and number cards.

Goal: Use counters to show tens and ones.

The routine involves counting items, making sets of ten to put in a cup, and identifying the tens and ones in the written numeral.

Base-10 Blocks:

Objective: Represent two or three-digit numbers using concrete manipulatives.

Materials: Base-10 blocks, place value mat, and place value worksheet.

Goal: Use base-10 blocks to show two- or three-digit numbers.

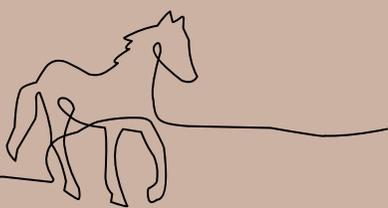
The routine uses base-10 blocks (unit, rod, flat) on a place value mat to model numbers and encourages exchanging 10 units for 1 rod.

Greater Gator: Uses a visual to help students compare numbers, emphasizing place value to determine which number is greater.

Hundreds Chart: Provides a visual reference for counting by 10s and understanding part-to-whole concepts.

Place Value Pocket Chart: Offers a concrete way to teach grouping, regrouping, and place value.

Place Value in Problems: Stresses the importance of lining up multi-digit numbers in the correct place value columns for vertical addition and subtraction problems.



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Measurement & Data Concepts

Measurement is the process of determining the amount of units needed to fill, cover, or match an object or area being measured. Concepts will be introduced with non-standard units (blocks, paperclips) before progressing to standard units (inches, feet) and tools (rulers, scales). Data are measurements or observations collected for examination and analysis. It can be qualitative (cannot be measured, e.g., favorite ice cream) or quantitative (numerical, e.g., height, weight). Instruction includes representing data using various graphs and interpreting it to solve problems. Measuring and Comparing With Nonstandard Units: Uses Unitix Cubes to measure and compare the lengths of two objects, reinforcing the concepts of longer and shorter. Estimation of Measurement: Focuses on estimating a measurement by comparing an unknown quantity to a known quantity. Estimation practice can use standard or non-standard measurements.

Additional Strategies to Support Measurement and Data:

Recipes: Provide life skills lessons and learning opportunities for liquid and dry measurement tools and processes (standard and non-standard units).

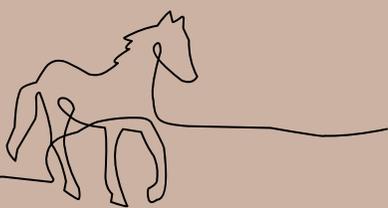
Time: Includes teaching units of measurement (seconds, minutes, hours) and the relationships between them, as well as developing concepts of time through real-life examples and schedules.

Money: Functional money skills are taught, relating to the Base Ten Number System and purchasing skills. The "One-Up Strategy" is provided for simplifying money processes.

Graphing Data: Involves a problem-solving process of gathering, recording, displaying, and analyzing data using charts or graphs (e.g., pictographs, bar graphs).

Balance Scale: Used to explore concepts of weight and volume, equivalency, and inequalities.

Demo and Student Thermometers: Provide a hands-on way to measure and record temperature in Fahrenheit and Celsius.



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Numbers & Fractions

A fraction is a number representing part of a whole. Students should first understand that fractional parts are equal parts of a whole. The learning includes: matching symbolic representations to fractional parts, using concrete models, recognizing fraction equivalences, and understanding decimal notation for fractions. Students begin with single unit fractions (e.g., $1/2$) and progress to understanding that fractions are composed of unit fractions (e.g., $2/4$ is $1/4$ combined with another $1/4$). Students can then learn to recognize equivalent fractions, compare fractional parts, and perform addition and subtraction of fractions.

Strategies to Support Numbers and Operations with Fractions:

Equal Parts: This strategy introduces the concept that 'equal' means 'same' by comparing unequal and equal parts of a banana.

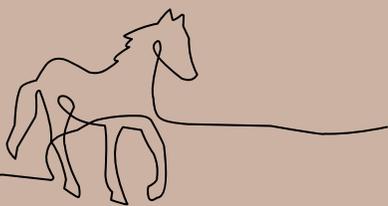
Fraction Circles: The objective is to use concrete models to divide whole numbers into single fractional units. This strategy uses a pizza model to introduce fractions, with the numerator showing the parts of the whole and the denominator showing the total equal parts the whole is divided into.

C-V-A Representations of Fractions: This approach suggests starting with concrete models, moving to visual representations (e.g., number lines, 2-D shapes), and finally introducing abstract representations using numerals.

Fraction Stax: Manipulatives available to help students recognize fractional relationships, build equivalent fractions, and model addition and subtraction.

Recipes: Provides real-world application of fractions by connecting measurement amounts with common fractions.

Race to One Game: Uses concrete manipulatives (Fraction Bars) to support understanding of fractions as players roll a die and match the fraction to a bar to fill a 'whole bar'.



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Geometry

Geometry is the study of lines, angles, shapes, and spaces, focusing on the properties of points, lines, curves, plane figures (e.g., circles, squares), and solid shapes (e.g., spheres, cubes). Our program focuses on identifying, describing, analyzing, and creating shapes; reasoning with shapes and their attributes; drawing and identifying lines and angles; graphing points on a coordinate plane; and solving real-world and mathematical problems involving angle measure, area, surface area, and volume.

Strategies to Support Geometry:

Shape Hunt: A sample strategy for students to recognize geometric shapes by finding circles in the classroom, using a teacher model, teacher/student application, and independent practice.

Geoboards: A sample strategy to create 2-dimensional models of polygons, such as a square, using geoboards and rubber bands.

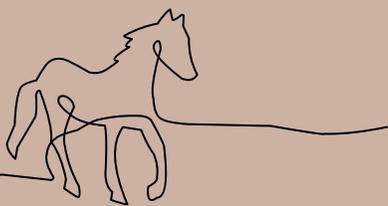
Circles, Angles and Right Triangles: Explicitly teaching geometric vocabulary like circumference, radius, diameter, right angle, acute angle, obtuse angle, congruent angle, right triangle, and the Pythagorean Theorem.

Attribute Blocks and Sorting Circles: Using these manipulatives to identify, match, sort, and classify shapes by attributes like shape, size, color, and thickness.

Examples and Non-examples: Using examples and non-examples of mathematical terms to create clear definitions and decrease ambiguity.

Stock the Shelves: Using three-dimensional objects like boxes, books, and cans to reinforce geometric concepts in daily living or vocational tasks.

On a Plane: Introducing abstract concepts like planes and two-dimensional figures, and using coordinate planes for spatial organization and geometric thinking, with extension activities like Plotting on a Map, Mystery Picture, and Coordinate Floor.



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The Number System

It expands on skills and knowledge related to Numbers and Operations in Base Ten. It encompasses ordering and manipulating numbers to count, measure, and perform calculations. The area includes dividing fractions by fractions, finding common factors and multiples, understanding positive and negative integers, and recognizing rational and irrational numbers.

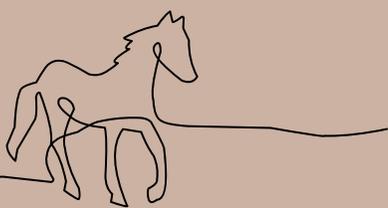
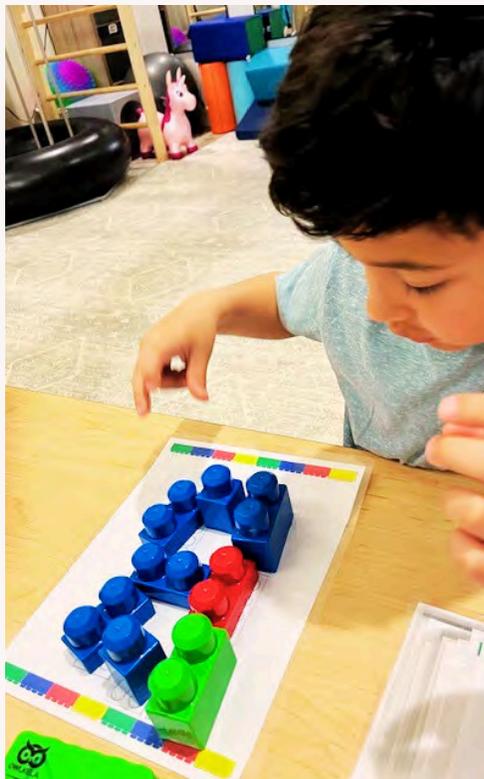
Strategies to Support The Number System:

Opposite Numbers on a Number Line: The objective is to recognize opposite numbers. The strategy teaches students to start at 0 and move the same amount of whole numbers in the opposite direction (right vs. left) to find a number's opposite.

Fraction Bars: The objective is to add fractions with like denominators. Students use fraction bars to represent parts of a whole and physically join them to show addition.

Double-Sided Counters: Can be used to teach the concept of zero pairs (a set of two numbers that equal zero when added) and can be extended to adding and subtracting positive and negative integers.

Fraction Stax: Help students recognize fractional relationships, build equivalent fractions, and provide a concrete model for adding and subtracting fractions.



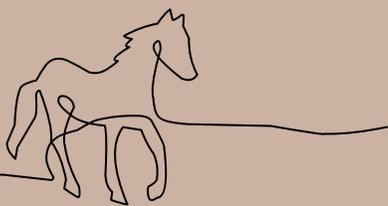


Social Emotional Learning

Our social emotional curriculum develops self-aware, resilient students who can manage emotions, build healthy relationships, make ethical decisions, and contribute positively to their community. We integrate SEL into daily routines, academics, and the school culture.

Our scope and sequence is: Self awareness: recognizing emotions, strengths, values. Growth mindset and mood check ins, emotion vocabulary and reflection journals. Self management: emotion regulation, stress management and goal setting. The tools we utilize are co regulation, breathing exercises, movement/brain breaks, time management planners, and coping strategies menu. Social awareness: empathy, perspective taking and respect for diversity. The toolbox we use is a combination of community circles, service learning, and storytelling. Relationship skills: communication, conflict resolution, collaboration, and boundary settings. The strategies are roleplaying, I statements, peer mediation and cooperative projects and problem solving. Responsible decision making: ethical, safety minded and consequences aware choices. The tools we utilize are decision trees, scenario analysis, and restorative practices.

Strategies to support social emotional learning and self regulation are The Zones of Regulation which is a framework that uses four colors (Blue, Green, Yellow, and Red) to help children understand and manage their emotions and energy levels. It teaches them to identify their feelings and develop a "toolbox" of strategies to move between the zones, ultimately helping them stay in the optimal "Green" zone for learning and social interaction.



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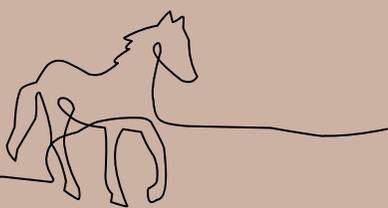




Technology & Computers

At The Barn Academy, integrating educational technology platforms like EPIC Reading, Boddle Math, Raz Reading, Zearn Math, and ST Math (JiJi Penguin) into our computer program enhances instruction and supports student learning in several key ways: These platforms adapt to each student's individual learning pace and style, allowing for customized educational experiences that cater to diverse needs. With interactive and visually appealing materials, these programs capture students' attention, making learning enjoyable and motivating, which helps to foster a love for reading and math. Students receive instant feedback on their performance, enabling them to understand their mistakes and make corrections in real-time, which promotes mastery of concepts. Teachers can easily monitor student progress through detailed analytics and reporting features, allowing for targeted interventions and adjustments to instruction as needed. By covering a wide range of topics in reading and math, these platforms ensure that students gain a well-rounded understanding of necessary skills and knowledge. The online nature of these resources provides students with the advantage of learning anytime and anywhere, accommodating various learning environments and schedules. Some platforms promote group activities and games, encouraging collaboration among students and enhancing social skills alongside academic growth.

By leveraging these innovative educational tools, The Barn Academy aims to enrich the learning experience, promote academic achievement, and nurture a love for lifelong learning.



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Speech & Language Therapy

ARTICULATION, SOCIAL, PLAY, EXPRESSIVE, RECEPTIVE LANGUAGE

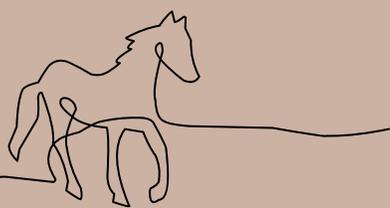
The Barn Academy embraces a holistic, child-directed developmental play approach in speech and language therapy, recognizing that play is a natural and powerful medium through which children learn and thrive. By harnessing children's innate drive to explore, we facilitate the enhancement of their speech and language skills in a supportive and nurturing environment.

Our speech and language therapy sessions are designed to be goal-oriented and structured, focusing on the unique needs of each child. This allows us to implement tailored supports that ensure interventions are both individualized and effective. We prioritize a neuro-affirming and sensory-rich approach.

By utilizing evidence-based practices, the therapist will draw upon research supported techniques to promote positive communication outcomes.

Collaboration is key! The therapist will actively work alongside you and the other therapists involved in your child's care, developing an intervention plan that is not only appropriate but also relevant to your child's life.

Child-Led, Play-Based: Our engaging approach significantly enhances communication and self-expression. We emphasize both expressive and receptive language through systematic assessment for language delays, ensuring that therapy is not simply educational but also joyful and meaningful. By fostering an environment rich in sensory experiences, we invite exploration and creativity, supporting children in their journey toward confident communication and social interaction.



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Occupational Therapy

FINE MOTOR, GROSS MOTOR, SENSORY, SOCIAL, EMOTIONAL
REGULATION, PLAY, ADL'S

At The Barn Academy, we embrace a holistic, child-directed developmental play approach in occupational therapy, recognizing that play is a natural and powerful medium through which children learn and thrive. By harnessing children's innate drive to explore, we facilitate the enhancement of their fine and gross motor skills, cognitive abilities, and self-regulation in a supportive and nurturing environment.

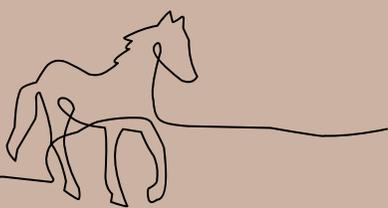
Our OT sessions are designed to be goal-oriented and structured, focusing on the unique needs of each child. This allows us to implement tailored supports that ensure interventions are individualized and effective. We prioritize a neuro-affirming and sensory-rich approach, addressing sensory processing and engaging in activities of daily living (ADLs).

Using evidence-based practices, our therapists draw upon research-supported techniques to promote positive developmental outcomes.

Collaboration is key! Our therapists actively work alongside you and other professionals involved in your child's care, developing an intervention plan that is relevant and appropriate to your child's life.

Child-Led, Play-Based: Our engaging approach significantly enhances children's abilities and self-expression. By emphasizing the development of fine and gross motor skills, cognitive functioning, and self-care through systematic assessments, we ensure that therapy is not simply educational but also joyful and meaningful.

Fostering an environment rich in sensory experiences invites exploration and creativity, supporting children in their journey toward greater independence and everyday success.



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Physical Therapy

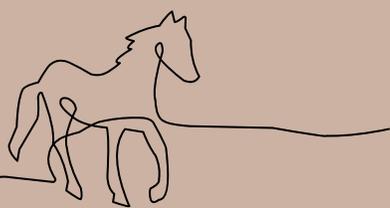
BALANCE, BILATERAL MOTOR COORDINATION, ENDURANCE,
GAIT, STRENGTH

At The Barn Academy, we embrace a holistic, child-directed developmental play approach in physical therapy, recognizing that play is a natural medium through which children learn, grow, and thrive. By harnessing children's innate curiosity and drive to explore, we help them gain and regain function, addressing diverse needs and improving gross motor function in a supportive and nurturing environment.

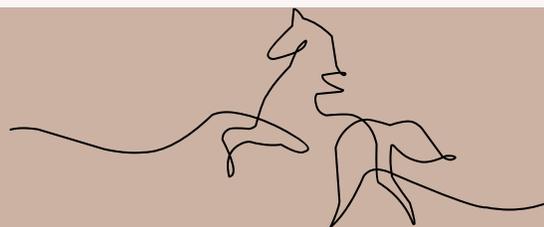
Our PT sessions are designed to be goal-oriented and structured, focusing on the unique needs of each child. This allows us to implement tailored supports that ensure interventions are both individualized and effective. We utilize our expert knowledge of the neurological, musculoskeletal, cardiopulmonary, and integumentary systems to help your child achieve age-appropriate developmental milestones (e.g., crawling, sitting, standing, walking), and to better participate in age-appropriate gross motor activities with peers.

Through our practice, we aim to improve your child's range of motion, strength, mobility, posture, balance, and endurance, facilitating independent function and empowering them to navigate their environment confidently: whether at home, school, work, or in the community.

Collaboration is key! Our therapists actively work alongside you and other professionals involved in your child's care, developing an intervention plan that is not only relevant but also tailored to your child's unique experiences.



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Feeding Therapy

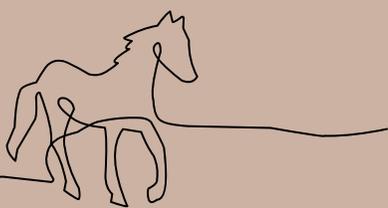
FOOD CHAINING, ORAL MOTOR, CHEWING, SWALLOWING,
SENSORY, UTENSIL USE, ATTENTION

At The Barn Academy, our feeding therapy program is designed to help children overcome mealtime difficulties by enhancing their oral motor skills and expanding their food choices. We understand that feeding challenges can be complex and emotional, and our team of specialized speech and occupational therapists is here to support each child's unique needs.

We aim to create a safe and nurturing environment where children can work through the pain and fear associated with eating. By utilizing individualized assessments, we develop tailored intervention strategies that focus on each child's specific requirements. Our approach promotes healthier behavioral, physical, and emotional development, ensuring that children build a positive relationship with food.

Key Components of Our Feeding Therapy Program: Our therapists have extensive knowledge in addressing feeding challenges, ensuring a comprehensive understanding of each child's unique needs. We prioritize a safe setting where children can feel comfortable and confident in exploring new foods. We provide ongoing support for families, empowering them to participate in their child's progress and challenges. Our strategies are customized based on comprehensive evaluations, focusing on achieving improved feeding skills and expanding food preferences.

With our expertise and dedication, we strive to ensure that each child can thrive at the dining table and enjoy a fulfilling relationship with food.



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Library

At The Barn Academy, our library program is dedicated to fostering a love of reading and enhancing literacy skills among our students through a Literacy-Rich Interactive Books approach. This dynamic program not only increases engagement but also supports cognitive development, making reading an enjoyable and enriching experience for every child.

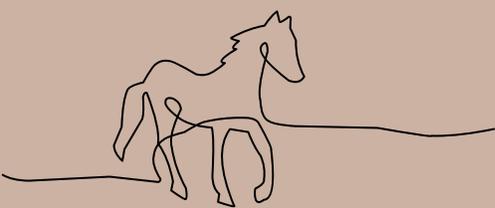
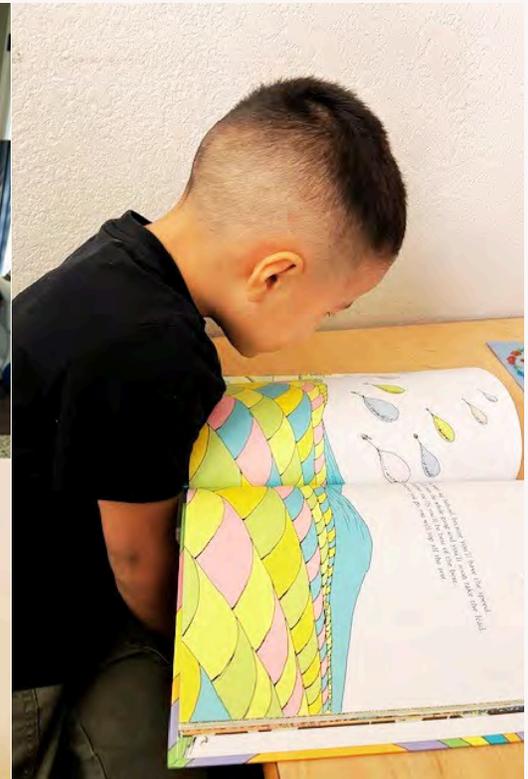
We host regular read-aloud sessions where children can immerse themselves in exciting stories. This interactive storytelling enhances comprehension and nurtures a fascination for books while encouraging discussion and creativity.

Students have the opportunity to check out books that pique their interest, promoting independence and responsibility as they explore various genres and topics. This practice encourages them to find joy in selecting books that resonate with their personal tastes.

Our collection includes a diverse array of interactive books that captivate students' attention and facilitate active participation. These books are designed to boost literacy skills, making reading a fun and impactful process.

To expand our library offerings, we provide Scholastic book orders, allowing students and families to purchase new and popular titles. This initiative not only enriches our library collection but also gives students access to exciting new reads.

Our library program at The Barn Academy is more than just a space for books; it's a nurturing environment that encourages curiosity, creativity, and the development of vital literacy skills. By instilling a love of reading, we inspire our students to embark on lifelong journeys through literature!



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Art

At The Barn Academy, our art program celebrates all forms of artistic expression, creating a vibrant space where creativity can flourish. We believe that art plays a crucial role in children's development, and our curriculum focuses on building fine motor skills while introducing basic art elements such as color, line, shape, and texture.

Through various art activities, children enhance their hand-eye coordination and dexterity, which are essential for effective communication and daily tasks.

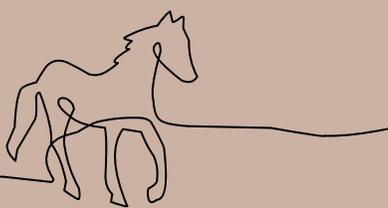
Our curriculum introduces young artists to fundamental concepts of art, allowing them to understand and appreciate the building blocks of creativity—color, line, shape, and texture.

We encourage children to express themselves freely through play and exploration. By providing a supportive environment, they can experiment with different materials and techniques, allowing their imaginations to soar.

We integrate thematic units that connect art to various subjects and cultures. By exposing students to different art styles and historical context, we broaden their understanding and appreciation of global artistic traditions.

Our program promotes collaboration through multidisciplinary projects that combine art with other subjects, such as science, literature, and history. This holistic approach enriches learning and fosters creativity in diverse contexts.

At The Barn Academy, our art program is designed to nurture creativity, build essential skills, and inspire a lifelong love of artistic expression. We celebrate every child's unique voice and vision, creating a foundation for future artistic endeavors and personal growth!



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Adaptive PE

At The Barn Academy, our Adaptive Physical Education (PE) program is dedicated to providing inclusive and accessible sports and physical education activities for students with all abilities. By modifying equipment, adjusting rules, and implementing tailored instructional strategies, we ensure that every student athlete has the opportunity to participate meaningfully and enjoyably.

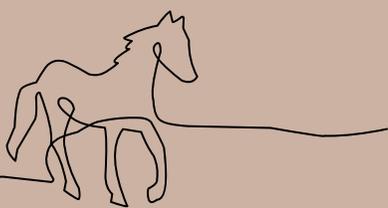
Our dedicated instructors and coaches play a vital role in creating a supportive environment. They work closely with each student, understanding their unique needs and capabilities, and adapting activities to ensure success.

Our Adaptive PE program encompasses a wide range of sports and activities, providing students with the chance to engage in traditional sports modified for their abilities, as well as new games and physical activities that encourage participation and teamwork.

We employ creative strategies to overcome barriers to participation, enhancing accessibility and ensuring that all students can engage in physical activity. This fosters resilience and confidence among our student athletes.

Our program emphasizes the joy of movement and sportsmanship, helping students build a positive attitude towards physical activity. By making sports enjoyable, we encourage lifelong participation in healthy, active lifestyles.

At The Barn Academy, our Adaptive PE program is committed to empowering every student athlete to thrive. We believe that physical education should be an inclusive experience where all children can enjoy the benefits of movement, teamwork, and personal growth!



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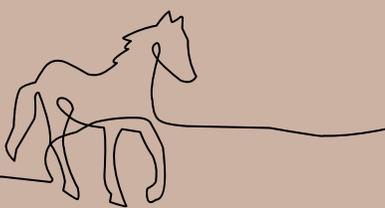


Music

At The Barn Academy, our music program is thoughtfully designed to nurture whole-child development through joyful, research-backed musical experiences. In our warm, playful barn setting, children sing, move, explore instruments, and make music together, building skills that support learning for life.

Students learn repetition through singing, call-and-response, and musical games that strengthen working memory and recall. Familiar tunes and rhythmic patterns help children retain new vocabulary, routines, and concepts. Hands-on exploration with shakers, rhythm sticks, drums, and bells builds hand-eye coordination and finger strength. Guided activities (tap, shake, stop, start) improve precision and control and are great for emerging writers and artists. Rich musical exposure supports cross-hemispheric brain connections, strengthening language and reasoning pathways. Lyric play, rhymes, and melodic phrasing boost phonological awareness, literacy readiness, and verbal memory. Beat, rhythm, and pattern activities grow spatial-temporal reasoning, an essential for early math. Sequencing songs and movement routines (first/next/last) support early reading skills and logical thinking. Making music in a group teaches turn-taking, cooperation, and shared leadership. Steady beat and breathing practices help children regulate emotions and energy levels. Celebrations of each child's musical ideas build confidence and belonging.

At The Barn Academy, music is more than a class, it's a pathway to language, learning, coordination, and community. Come sing, move, and grow with us!



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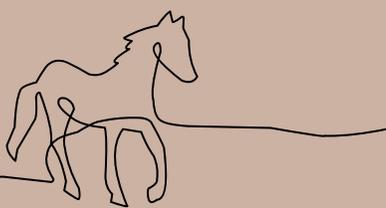




Extra Curricular

KIND GAMES ADAPTIVE SPORTS

Kind Games is an innovative adaptive sports program at CDT Kids The Barn Academy in Queen Creek, Arizona, designed to enhance the experience and health of children with all abilities. Our mission focuses on expanding opportunities for social engagement and relationship building, while promoting health through recreational sports, physical activity and nutrition.



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