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Programme Name	Diploma in vocational training and development (DVTD)
Course Code	23DVTD1
Sem	I
Course title	Basic Academics
Unit	I
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Introduction

- Basic academics can refer to the foundational skills and subjects that are taught in early education, such as reading, writing, and numeracy.
- Basic academics focuses on adapting content to meet their unique learning needs while promoting functional skills, independence, and confidence.

Foundational Literacy Skills

- **Reading:**
 - Letter recognition and phonics.
 - Sight words and simple sentences.
 - Using pictures and visual aids to support comprehension.
- **Writing:**
 - Tracing and copying letters and words.
 - Writing simple sentences or using assistive technology.
 - Practicing name writing and personal details (e.g., address).
- **Communication:**
 - Augmentative and Alternative Communication (AAC) tools for non-verbal learners.
 - Role-play for social and conversational skills.

Foundational Literacy Activities

- **Reading:**
 - Use **interactive storybooks** with audio narration (e.g., [Storyline Online](#)).
 - Match letters to objects (e.g., "A" with apple, "B" with ball).
 - Create a **personalized word wall** with names, favorite items, or daily words.
- **Writing:**
 - Tracing letters using sandpaper, chalkboards, or apps like **Writing Wizard**.
 - Write simple words with magnetic letters or letter stamps.
 - Encourage journaling with prompts like "What made you happy today?" using pictures and words.
- **Communication:**
 - Use **visual communication boards** or apps like **Proloquo2Go** for non-verbal students.
 - Role-play scenarios like ordering food or introducing themselves.

Foundational Numeracy Skills

- **Numbers and Counting:**
 - Recognizing numbers and counting objects.
 - Basic addition and subtraction using manipulatives.
- **Time and Money:**
 - Understanding the clock (hour and minute hands).
 - Recognizing coins and currency, making simple transactions.
- **Measurement and Shapes:**
 - Identifying shapes and sizes.
 - Simple measurements (length, weight, volume).

Foundational Numeracy Activities

- **Numbers and Counting:**
 - Use **manipulatives** like counting beads, blocks, or buttons.
 - Play counting games, such as counting steps, claps, or objects in the room.
 - Apps like **Endless Numbers** for interactive number learning.
- **Time and Money:**
 - Practice matching coins to pictures or using toy cash registers.
 - Role-play shopping activities with real or play money.
 - Use clock puzzles to teach time.
- **Measurement and Shapes:**
 - Create a **shape scavenger hunt** around the classroom or home.
 - Practice measuring ingredients in simple recipes.
 - Use sorting games to group objects by size or shape.

Life Skills Integration

- **Daily Living Skills:**
 - Personal hygiene (brushing teeth, washing hands).
 - Dressing, food preparation, and basic chores.
- **Safety Skills:**
 - Recognizing signs and signals (stop, exit).
 - Identifying trusted adults and emergency contacts.
- **Community Interaction:**
 - Practicing behaviors in public settings (e.g., grocery stores, libraries).

Life Skills Activities

- **Daily Living Skills:**
 - Practice sequencing with visual schedules for brushing teeth or making a sandwich.
 - Play “What’s next?” using step-by-step cards for daily routines.
 - Use real-life tools (e.g., sponges for cleaning, utensils for cooking) for hands-on learning.
- **Safety Skills:**
 - Teach road safety using toy cars and traffic signs.
 - Practice emergency drills with clear, step-by-step instructions.
- **Community Interaction:**
 - Set up a **mock grocery store** or library for role-playing.
 - Practice introducing themselves and asking for help.

Social and Emotional Learning

- **Self-Awareness:**
 - Identifying emotions with visual aids or tools.
 - Developing self-esteem through praise and encouragement.
- **Interpersonal Skills:**
 - Sharing, taking turns, and teamwork activities.
 - Conflict resolution and understanding personal boundaries.
- **Behavioral Skills:**
 - Reinforcement strategies for positive behavior.
 - Managing frustration and building coping mechanisms.

Social and Emotional Learning Activities

- **Self-Awareness:**
 - Use **emotion cards** or mirrors to identify and mimic facial expressions.
 - Read stories about feelings and discuss the characters' emotions.
- **Interpersonal Skills:**
 - Use board games to teach turn-taking and sharing.
 - Practice greetings and polite phrases in group activities.
- **Behavioral Skills:**
 - Create a **calm corner** with sensory tools (stress balls, fidget spinners).
 - Practice breathing exercises for managing frustration.

Technology Support

- **Assistive Technology:**
 - Tablets and apps for interactive learning.
 - Visual schedules and task management tools.
- **Digital Literacy:**
 - Basic computer skills (turning on a device, using a mouse).
 - Safe online practices for older students.

Technology Support

- **Assistive Tools:**
 - Apps like **Choiceworks** for visual schedules.
 - Use **switch-adapted devices** for students with motor difficulties.
- **Interactive Games:**
 - Educational platforms like [ABCmouse](#) or **Starfall**.
 - Use YouTube channels like **Super Simple Songs** for songs and videos.

Strategies for Engagement

- **Individualized Education Plans (IEPs):**
 - Tailoring curriculum to the student's strengths and needs.
 - Regular assessment and adjustment of goals.
- **Multisensory Learning:**
 - Combining visual, auditory, and tactile methods.
 - Incorporating songs, stories, and physical activities.
- **Repetition and Routine:**
 - Consistent schedules to reinforce learning.
- Building on small successes over time

Strategies for Engagement

- **Reinforcement and Rewards:**
 - Use sticker charts or tokens for completed tasks.
 - Celebrate small achievements with high-fives or verbal praise.
- **Multisensory Approaches:**
 - Combine music, movement, and visuals (e.g., sing while clapping hands).
 - Incorporate sensory activities like finger painting or playdough molding.
- **Interactive Play:**
 - Use puppets, role-play, or simple theater games to make learning fun.

Resources for learning basic academic skills

- **Foundational Literacy Pintables**
- **Alphabet and Phonics:**
 - **Tracing Sheets:** Printable alphabet tracing worksheets with large letters.
 - Resource: [Super Teacher Worksheets - Alphabet Tracing](#)
 - **Letter Sound Match:** Cards with letters and matching pictures (e.g., A for apple).
 - Example: Free templates on [Teachers Pay Teachers \(TPT\)](#).
- **Sight Words:**
 - **Flashcards:** Dolch sight word flashcards with pictures.
 - Download from: [Education.com](#).
 - **Word Matching Games:** Worksheets where students match pictures to words.
- **Sentence Building:**
 - Cut-and-paste worksheets for creating simple sentences.
 - Download from: [Twinkl Sentence Builder Printables](#).

Foundational Numeracy Printables

- **Counting and Numbers:**
 - **Number Tracing:** Worksheets for tracing numbers with colorful graphics.
 - Resource: [K5 Learning - Number Tracing](#).
 - **Counting Mats:** Printables with spaces to place manipulatives for counting.
 - Example: [Fun Learning for Kids](#).
- **Time and Money:**
 - Clock templates to practice telling time.
 - Printable money for role-playing activities (coins and bills).
 - Resource: [Money Worksheets](#).
- **Shapes and Patterns:**
 - Printable shape identification and matching worksheets.
- Pattern-sequencing cut-and-paste activities

Life Skills Printables

- **Visual Schedules:**

- Daily routine cards with pictures for step-by-step guidance.
 - Download from: [Do2Learn Visual Schedules](#).

- **Personal Hygiene:**

- Sequencing worksheets for brushing teeth or washing hands.
 - Resource: [Free Autism Resources](#).

- **Community Skills:**

- Role-play shopping worksheets with grocery lists and money practice.

- Example: Free shopping printables from [Teaching Mama](#)

Social and Emotional Learning Printable

- **Emotion Charts:**

- Printable emotion cards with facial expressions and names.
 - Resource: [Goally Emotion Cards](#).

- **Behavior Charts:**

- Reward charts with customizable goals.
 - Example: Free templates on [123 Homeschool 4 Me](#).

- **Interpersonal Skills:**

- Worksheets for matching scenarios to appropriate behaviors.
 - Resource: [Social Skills Worksheets on TPT](#).

Technology and Interactive Tools

- Use apps like **Canva** to design custom printable worksheets or visual aids.
- For assistive communication, use **Boardmaker** to create visual boards and cards.

• Thank you