

APPENDIX A APE Assessment Tool Matrix

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<u>NAME</u>	<u>PURPOSE</u>	<u>TYPE</u>	<u>AGE RANGE</u>	<u># ITEMS</u>	<u>NOTES</u>
1. Test of Gross Motor Development 2	Determine services & screen	Process	3 -10 yrs 11 mo	12 total items under 6 Object Man. 6 Locomotor	
2. Bruiniks-Oseretsky Test of Motor Proficiency	Determine Services & screen	Product	4 -14 yrs 6 mo	29 total items under 8 subtests	
3. Bruiniks-Oseretsky Test of Motor Proficiency 2	Determine services & screen	Process & Product	4-21 yrs old	26 total items under 4 sub tests	
4. Battelle Developmental Inventory	Determine services & screen	Product	0-7 yrs 11 mo	44 variable items max with 3 subtests (depends on age)	
5. Learning Accomplishment Profile –D (LAP-D)	Determine services	Product	30 mo-72 mo	57 total items under 2 subtests	
6. Peabody Developmental Motor Scale 2	Determine services	Process	0-72 mo	143 total items under 4 subtests	

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<u>SERVERE & PROFOUND ✓ SHEETS</u>					
7. LaMAP Louisiana Motor Assessment for Preschoolers	Pre-School checklist	Performance based	3-6	20 per age range	Works for kindergarten
8. Project MOBILITEE		Performance based – objectives accessible	5-21	Varies if student is ambulatory or not	
9. Competency Testing For Adapted Physical Education CTAPE	PE curriculum based	Performance based	5-21	25 per age group	
10. FUNCTIONAL MOTOR ASSESSMENT	To provide a checklist for students with severe physical and developmental challenges	Criterion based – hierarchy of skills presented	3-21.	The assessment is divided into four major areas: 1) dexterity, 2) posture, 3) mobility, and 4) sensory awareness. Each of these areas contains three to six test items.	
11. Adapted PE Evaluation for Visually Impaired	Provide evaluation for a variety of visual impairments	Performance based	5-21 school based	5 categories subcategory item number vary	
12. Motor Evaluation for wheelchair users	Provides an evaluation tool for wheelchair users	Performance based	5-21 school based	19 items with a list of specific criterion for each one	
13. APEAS II	On-line assessment that includes an Adaptive Behavior checklist portion	Norm-based	Elementary Secondary levels	25 items including body mass index – adaptive behavior checklist	Must purchase and download

APPENDIX E

FUNCTIONAL MOTOR ASSESSMENT

The assessment is divided into four major areas: 1) dexterity, 2) posture, 3) mobility, and 4) sensory awareness. Each of these areas contains three to six test items. In administering the assessment, observe the participant as he/she performs each test item. Each test item is further divided into a hierarchical progression of subtasks from lowest to highest ability. Score the participant by checking the box located to the left of each subtask which the participant can perform independently. If there is some question as to the participant's competence in a particular skill, require the participant to perform the task three out of five times.

Name: _____

Date: _____

DOB: _____

Examiner: _____

Physical Handicap:

- Cerebral Palsy
- Spina Bifida
- Muscular Dystrophy
- Other (please list) _____

Mental Retardation:

- Mild
- Moderate
- Severe
- Profound

Cerebral Palsy Type:

- Spastic
- Athetoid
- Ataxic
- Mixed
- Rigid

Postural Disabilities:

- Scoliosis
- Hip Dislocations
- Contractures
- Brittle Bones
- Other (please list) _____

Topography of Disability:

- Paraplegia
- Hemiplegia
- Diplegia
- Quadriplegia

Other Handicaps:

- Visually Impaired
- Hearing Impaired
- Seizure Disorder
- Other (Please list) _____

Severity of Disability:

- Mild
- Moderate
- Severe
- Rigid

Communication Skills:

- Verbal
- Communication Board
- Sign Language
- Other (Please list) _____

I. DEXTERITY

A. REACHING

- Reaches for object with less than 5° range of motion
- Reaches for object by extending arm to less than 90°
- Reaches for object by extending arm to less than 180°
- Reaches for object by extending arm to less than 180° with open hand

B. GRASPING

- Shows some movement in fingers
- Shows some movement in fingers in an attempt to grasp
- Holds object when it is placed in the hand for less than 5 seconds
- Holds object when it is placed in the hand for less than 15 seconds
- Holds object when it is placed in the hand for less than 20 seconds
- Opens fingers in an attempt to grasp
- Opens then closes fingers around object: cannot hold
- Opens then closes fingers around object: holds for less than 5 seconds
- Opens then closes fingers around object: holds for less than 15 seconds
- Holds object for more than 20 seconds
- Holds object while moving arm

C. RELEASING

- Needs assistance to release object
- Releases object without control in less than 1 minute
- Releases object by shaking entire arm
- Releases object without control in less than 30 seconds
- Releases object away from body
- Releases object 10-15 centimeters away from body
- Drops object into box 10-15 centimeters away from body
- Drops object into box 20-30 centimeters away from body
- Tosses object less than 15 centimeters away from body
- Tosses object less than 30 centimeters away from body
- Tosses object less than 60 centimeters away from body
- Tosses object and hits target 60 centimeters away 25% of the time

D. STRIKING

- Attempts to touch ball that is placed next to hand
- Touches ball that is placed next to hand
- Pushes ball off batting tee with hand

Hits ball off tee with striking instrument

E. **KICKING**

- Attempts to touch ball with foot
- Touches ball with foot
- Pushes ball forward with foot
- Kicks ball forward less than one meter
- Kicks ball forward three meters or more

F. **PUSHING**

- Attempts to touch ball placed on lap tray or table
- Touches ball placed on lap tray or on table top
- Manipulates ball in any fashion
- Pushes ball forward accidentally
- Pushes ball forward purposefully

II. POSTURAL CONTROL

A. **HEAD CONTROL (best position _____)**

- Has random head movements
- Lifts head slightly
- Aligns head with body for less than 5 seconds
- Aligns head for less than 15 seconds
- Aligns head for less than 30 seconds
- Turns head less than 5 degrees towards object or sound
- Turns head less than 20 degrees towards object or sound
- Makes random movements with head stick
- Attempts to touch object with head stick
- Touches 20x28 centimeter object with head stick
- Touches 10-15 centimeter object with head stick
- Uses head stick for communication
- Touches object with hand
- Manipulates object or switch for less than 5 seconds
- Manipulates object or switch for less than 15 seconds
- Manipulates object or switch for less than 30 seconds
- Uses feet for recreational play with toys or switches

B. **PRONE POSITION (lying on stomach)**

- Shows random movement in prone position
- Changes head from side to side
- Lifts head off mat for less than 15 seconds
- Attempts to use arms to lift body off mat

- ___ Pushes body less than 5 centimeters off mat
- ___ Pushes body less than 10 centimeters off mat
- ___ Props on forearms less than 5 seconds
- ___ Props on forearms less than 15 seconds
- ___ Props on hands with arms bent for less than 5 seconds
- ___ Props on hands with arms bent for less than 15 seconds
- ___ Props on one hand for less than 5 seconds
- ___ Props on one hand for less than 15 seconds
- ___ Reaches for object with one hand while propping on other hand

C. PRONE OVER WEDGE

- ___ Shows random movement over wedge
- ___ Moves head from side to side
- ___ Aligns head with body for less than 5 seconds
- ___ Aligns head with body for less than 15 seconds
- ___ Aligns head with body for less than 30 seconds
- ___ Moves arms randomly over wedge
- ___ Attempts to reach for object
- ___ Touches object with hand
- ___ Manipulates object or switch for less than 5 seconds
- ___ Manipulates object or switch for less than 15 seconds
- ___ Uses prone position over wedge for recreational play with toys or switches

D. SUPINE (*lying on back*)

- ___ Shows random movement in supine position
- ___ Moves head from side to side
- ___ Moves arms randomly in supine position
- ___ Attempts to reach for object
- ___ Touches object with hand
- ___ Manipulates object or switch for less than 5 seconds
- ___ Manipulates object or switch for less than 15 seconds
- ___ Uses supine position for recreational play with toys or switches

III. MOBILITY

A. ROLLING

- ___ Attempts to roll from stomach to back
- ___ Rolls from stomach to back using extensor pattern
- ___ Rolls from stomach to back using minimal extensor pattern
- ___ Rolls from stomach to back using abnormal pattern
- ___ Rolls from stomach to back and then from back to stomach
- ___ Rolls over once towards a sound or object
- ___ Rolls less than 91 centimeters towards a sound or object

Uses rolling for mobility

B. CRAWLING ON STOMACH

- On stomach, moves arms and legs randomly
- Attempts to push with legs or pull with arms
- Prone on scooter board, moves forward or backward using arms and/or legs
- Moves forward or backward less than 91 centimeters on scooter
- In prone, uses scooter for mobility
- Prone on the floor, moves body less than 30 centimeters
- Moves body less than 61 centimeters towards a sound or object
- Uses crawling on floor for mobility

C. ON BACK

- On back, moves arms and legs randomly
- Attempts to push with feet
- Supine on scooter, moves forward or backward by pushing with feet
- Moves forward or backward less than 91 centimeters on scooter
- In supine position, uses scooter for mobility
- Supine on floor, moves body less than 30 centimeters
- Moves body less than 61 centimeters towards a sound or object
- Uses back, lying and pushing with legs for mobility

D. AMBULATION

- Can stand with support (mechanical or other)
- Can stand without support
- Can walk with mechanical support
- Can take steps without support
- Can walk independently 25 meters
- Can run without support
- Ascends stairs with support
- Ascends stairs independently two feet per step
- Ascends stairs independently one foot per step
- Descends stairs with support
- Descends stairs independently two feet per step
- Descends stairs independently one foot per step

E. ELECTRIC WHEELCHAIR (Optional)

- Attempts to make wheelchair move
- Makes wheelchair move for less than 5 seconds
- Makes wheelchair move for less than 15 seconds
- Makes wheelchair move for less than 1.52 meters
- Makes wheelchair move for less than 3.04 meters
- Makes wheelchair move forward and backward less than 3.04 meters
- Maneuvers wheelchair around one obstacle

- Maneuvers wheelchair around two obstacles
- Uses wheelchair for mobility in school
- Uses wheelchair for mobility and recreation

F. MANUAL WHEELCHAIR (Optional)

- Places hand on wheels of wheelchair
- Pushes wheelchair with assistance
- Pushes wheelchair forward one rotation
- Pushes wheelchair forward less than one meter
- Pushes wheelchair forward three meters or more

IV. SENSORY AWARENESS

A. VISUAL MOTOR

- Looks in direction of object for less than 5 seconds
- Looks in direction of object for less than 15 seconds
- Follows slowly moving object with eyes 10° to side of head
- Follows slowly moving object with eyes 20° to side of head
- Follows slowly moving object by moving head and eyes to 20° to either side of head
- Looks at and attempts to reach for stationary object
- Looks at, reaches, and touches stationary object
- Looks at and attempts to reach for moving object
- Enjoys watching objects or people for recreation

B. AUDITORY MOTOR

- Shows some indication of awareness of sound
- Looks in direction of sound for less than 5 seconds
- Looks in direction of sound for less than 15 seconds
- Enjoys listening to music for recreation
- Attempts to reach for sound or musical toy
- Reaches and touches musical toy
- Enjoys manipulating musical toys, musical instruments, or tape players for recreation

C. TACTUAL AWARENESS

- Pulls away or fusses at contact in less than 5 seconds
- Pulls away or fusses at contact in less than 15 seconds
- Allows body part to be stroked
- Stroking body parts is soothing
- Enjoys being touched with a variety of textures
- Explores textures with hands with assistance
- Explores object or textures with hands independently
- Uses touching and exploring of objects for recreation