

REGION 10 EDUCATION SERVICE CENTER

Richardson, Texas

MOTOR EVALUATION OF STUDENTS WHO ARE WHEELCHAIR USERS

Student's Name _____ D.O.B. _____ Age _____
 District _____ Campus _____ Disability _____
 Evaluator _____ 1st Eval. Date _____ 2nd Eval. Date _____

* On line next to each skill, place a Y for Yes or an N for No.

<p>1st 2nd Wheelchair Skills</p> <p>_____ Has adequate head control</p> <p>_____ Has adequate trunk control</p> <p>_____ Propels wheelchair independently</p> <p>_____ Slow deliberate strokes</p> <p>_____ Average speed and force</p> <p>_____ Good speed and force</p> <p>_____ Performs agility course (zigzag through 4 cones placed 5 feet apart)</p>	<p>1st 2nd General Manipulative Skills</p> <p>_____ Able to reach down to pick up object from floor</p> <p>_____ Able to place ball on lap while propelling wheelchair forward</p> <p>_____ Able to pick up basketball with wheel while moving</p>
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* For remainder of evaluation, assign a (2) if performance criteria is always present, a (1) if sometimes present, and a (0) if never present.

Object Control Skills

<p>1st 2nd Catch Bounced Ball [age 5-6] (with hands) (9 inch playground ball bounced from 10 feet)</p> <p>_____ Proper preparation – palms cupped, hands in front of body, elbows flexed</p> <p>_____ Arms extend while reaching, hands give with ball upon contact</p> <p>_____ Visually tracks flight of ball</p> <p>_____ Ball caught with hands only</p> <p>_____ Total</p>	<p>1st 2nd Catch Tossed Ball [age 8](tennis ball from 10 ft) (Softball size plastic ball tossed from 10 feet)</p> <p>_____ Proper preparation – palms cupped, hands in front of body, elbows flexed</p> <p>_____ Arms extend while reaching, hands give with ball upon contact</p> <p>_____ Visually tracks flight of ball</p> <p>_____ Ball caught with hands only</p> <p>_____ Total</p>
<p>1st 2nd Overhand Throw [age 6](tennis ball 25 feet) (Throw tennis ball as far as possible)</p> <p>_____ Arm backswing in preparation with ball brought up and behind ear</p> <p>_____ Some upper body rotation as throwing hand comes forward</p> <p>_____ Proper release and trajectory</p> <p>_____ Follows through after release as arm crosses body</p> <p>_____ Total _____ Distance Thrown</p>	<p>1st 2nd Kicks a Stationary Ball [age 5.5] (8-10 inch ball)</p> <p>_____ Demonstrates some flexion of kicking leg in preparation</p> <p>_____ Purposeful extension of lower kicking leg</p> <p>_____ Contacts ball causing forward movement of ball</p> <p>_____ Kicking leg extends forward after impact</p> <p>_____ Total</p>
<p>1st 2nd Strike Ball Off Stationary Tee [age 5](5 of 5) (Softball size whiffleball, 22-28 in. plastic bat)</p> <p>_____ Proper grip with dominant hand on top</p> <p>_____ Hands held near shoulder height</p> <p>_____ Trunk rotation with horizontal swing</p> <p>_____ Contacts ball</p> <p>_____ Follows through as bat continues upward to front shoulder</p> <p>_____ Total</p>	<p>1st 2nd Strike Tossed Ball [age 7.5] (4 of 6 softly tossed) (Softball size whiffleball tossed from 10 feet)</p> <p>_____ Proper grip with dominant hand on top</p> <p>_____ Hands held near shoulder height</p> <p>_____ Trunk rotation with horizontal swing</p> <p>_____ Contacts ball</p> <p>_____ Follows through as bat continues upward to front shoulder</p> <p>_____ Total</p>

Wheelchair Sports and Recreation Skills Evaluation Supplement

Basketball

1st 2nd **Shooting** (youth size basketball)
 _____ Holds ball with both hands
 _____ Displays flexion of arms in preparation
 _____ Pushes ball upward and outward
 _____ Hits goal or target from _____ feet
 _____ **Total**

1st 2nd **Passing**
 _____ Demonstrates 2 hand chest pass
 _____ Demonstrates 2 hand bounce pass
 _____ Demonstrates 2 hand overhead pass
 _____ Demonstrates 1 hand baseball pass
 _____ **Total**

1st 2nd **Dribbling** (basketball)
 _____ Uses fingertips to push ball downward
 _____ Controls ball as it returns
 _____ Places ball on lap and takes 2 pushes of wheelchair
 _____ Prior to the third push, pushes ball down to floor and secures ball as it returns
 _____ **Total**

Volleyball

1st 2nd **Overhand Strike**
 (self toss and strike a volleyball or similar ball)
 _____ Tosses ball properly with non-striking hand
 _____ Striking hand brought above shoulder height in preparation
 _____ Contacts ball, causing upward and forward trajectory
 _____ Ball travels in intended direction with adequate force
 _____ **Total**

1st 2nd **Overhand Pass**
 (Volleylite; volley trainer; or volleyball size Nerf ball tossed from 10 feet)
 _____ Hands up in preparation with arms flexed at elbows
 _____ Extension of arms with hand contracting ball simultaneously
 _____ Propels ball upward and forward back to tosser
 _____ **Total**

Soccer

1st 2nd **General Skills**
 _____ Able to use wheelchair to move ball down the field
 _____ Can use hockey stick or equivalent to manipulate soccer ball
 _____ Demonstrates in-bound pass
 _____ **Total**

1st 2nd **Goalie Skills**
 _____ Able to react quickly enough to protect head and face with open hands
 _____ Able to block or catch a ball kicked in the air
 _____ Able to reach down to stop ball rolling on the ground
 _____ Able to secure ball kicked within body frame
 _____ Tosses ball back into the field with proper force
 _____ **Total**

Tennis

1st 2nd **Forehand Stroke**
 _____ Body sideways to flight of ball
 _____ Assumes proper grip
 _____ Assumes proper racquet preparation
 _____ Level swing with shoulders and trunk rotation
 _____ Contacts ball with proper force and direction
 _____ **Total**

1st 2nd **Backhand Stroke**
 _____ Body sideways to flight of ball
 _____ Assumes proper racquet preparation
 _____ Level swing with shoulders and trunk rotation
 _____ Contacts ball with proper force and direction
 _____ **Total**

1st 2nd **Serve**
 _____ Tosses ball properly with non-striking hand
 _____ Contacts ball at highest point of racquet
 _____ Strikes ball with sufficient force and trajectory
 _____ Ball travels in intended direction
 _____ **Total**

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1 st	2 nd	<u>Bowling</u>
___	___	Displays proper grip
___	___	Displays pendulum arm swing on dominant side of wheelchair
___	___	Displays proper release point creating an underhand roll
___	___	Releases ball with sufficient force and accuracy
___	___	Total

1 st	2 nd	<u>Bocce</u>
___	___	Demonstrates independent propulsion of bocce ball
___	___	Propels bocce ball a minimum of 35 feet in the intended direction
___	___	Displays ability to toss bocce balls within 3 feet of target ball
___	___	Displays knowledge of rules and strategies
___	___	Total

1 st	2 nd	<u>Frisbee Throw</u>
___	___	Assumes proper grip, thumb on top, index finger on side
___	___	Displays proper preparations (Stands perpendicular to target, wraps Frisbee inside of arm wrist in flexed position)
___	___	Uncoils arm with extension of wrist at release, transfers weight to same foot as throwing hand
___	___	Frisbee travels parallel to ground in the intended direction
___	___	Total

Fitness Skills

Please check the following skills the student can complete

___	___	Jumping jacks (arm movement)
___	___	Arm Circles (forward and backward)
___	___	Windmills
___	___	Wheelchair push-ups
___	___	Body Twists

Comments _____
