







## Appendix 2: Screening activities to assist in the diagnosis of developmental coordination disorder, by age

Age of child, yr	Paper and pencil	Standing	Throwing and catching a tennis ball
4	<ul style="list-style-type: none"> <li>Draw: </li> <li>Draw a person with at least 3 body parts</li> </ul>	Stand on one foot for 3 seconds	Throw with direction to a person 5 feet (1.5 m) away
5	<ul style="list-style-type: none"> <li>Draw: </li> <li>Print first name (letter reversals may be present)</li> </ul>	Hop 5 times	Catch tennis ball with 2 hands from 5 feet (1.5 m) away (can use body to trap the ball)
6	<ul style="list-style-type: none"> <li>Draw: </li> <li>Print first and last names correctly</li> </ul>	Stand on one foot for 10 seconds	Catch tennis ball with 2 hands from 5 feet (1.5 m) away (hands only, not body)
7	<ul style="list-style-type: none"> <li>Draw: </li> <li>Draw a person with at least 8 body parts</li> </ul>	Skip forward for 20 feet (6 m)	Bounce and catch tennis ball – 2-handed catch
8	<ul style="list-style-type: none"> <li>Draw: </li> <li>Copy the sentence “The quick brown fox jumps over the lazy dog” in 1 minute</li> </ul>	Stand on one foot for 20 seconds	Bounce and catch tennis ball – 1-handed catch
9	<ul style="list-style-type: none"> <li>Draw: </li> <li>Copy the sentence “The quick brown fox jumps over the lazy dog” in 30 seconds</li> </ul>	Hop forward 5 times, stop and balance on one foot for 5 seconds	Throw tennis ball at wall from 5 feet (1.5 m) away and catch with 2 hands before it bounces

### Diagnostic cues

#### Drawing and printing

##### Watch for

- Head too close to paper
- Awkward or tense pencil grasp
- Failure to use nondominant hand to stabilize the paper
- Uses excessive force
- Rotates paper or body

#### Hopping/standing on one foot

##### Watch for

- Looks at feet
- Exaggerated arm movements
- Lack of rhythm in hops
- Heavy, flat-footed or stiff-legged landings
- Holds body rigidly

#### Throwing/bouncing tennis ball

##### Watch for

- Lack of adjustment of body position
- Inaccurate aim
- Poor judgment of force needed
- Changes hands between trials
- Does not look at target

#### Catching tennis ball

##### Watch for

- Turns away/closes eyes/flinches
- Arms and hands do not “give” with contact from ball
- Does not adjust/correct if unsuccessful
- Positions self incorrectly (e.g., arms too far apart)