Teaching practice to promote concept formation in a toddler with blindness: Instruction of appropriate hand movements using teaching materials (Fukuda, 2021)

Table 1 Main teaching contents

|  | Sensorimotor activity period                   | In and out activity period   | e I Main teaching contents  Discrimination activity period   | Framed block construction activity period   | Free Construction activity period  |
|--|--|--|--|---|--|
| Pass age of children                               | ~0:10  | 0:10~1:6   | 1:6~2:6  | 2:6~4:6   | 4:6~6:0  |
| developed typically Age of target child            | 1:10~2:4                                       | 2:5~3:5  | 3:6~4:4  | 4:5~5:5   | 5:6~6:1  |
| [Sensorimotor activity]                            | Light and vibration Metallophone Music box car | ball droping magneaf Rassel-turm Rain stick  | 3.0*****   | 4.0°53.0  | 3.0*90.1   |
| 【In and out<br>activity】                           | pallo Sliding block                            | Kugelburn Puzzle Box ball and Cylinder Disk matching  Trei kugel towar cylinder block task                     | Puzzle Box Quadratic prism and triangular prism  Three-dimensional shape matching                                    |   |  |
| 【Put and pulled out activity】                      |  | Put a cylinder on the rod  | Put a cylinder on the rod  | Pass through a string   |  |
| 【Discrimination activity】                          |  | Discrimination in puzzle box   | Discrimination of Cup piling round triangle squares  Discrimination in puzzle box  Discrimination of cylinder pencil |   |  |
| 【Framed block construction activity】               |  |  | cella Cube and rectangular parallelepiped puzzle   | Construction Stick of Large box of rectangle number concept  Construction of Construction of Construction task three-dimensional matching | Framed block puzzles construction task   |
| 【Free<br>Construction<br>activity】                 | Trei kugel towa<br>Put a cylinder o            |  |  | Cube Construction task block  | Cube truction  Cubicus  Cubicus  |
| 【Tactile<br>movement<br>control】                   | (Deutschland) Cup piling: Comb                 | oi de la constant de |  |   | Line tracing Length comparison Tactile maze Length comparison Tactile ind empty squares Search for changed parts |
| How to use both<br>hands<br>Tactile<br>observation | •Search with one hand                          | Search with both hands Operation with one hand Discovery of direction  | Cooperative separation of both hands Orient the object Discriminate shape with palm                                  | Stack (construction task) Slide parts and bring them Measure the space by hand Replace parts  | 《construction task》 • Compare and reference sample and composition   |