Pre Literacy exercise session:

Goal: To come up with a few exercises to get the Grade One Braille learners ready to practically use the orientations we use in Braille display, prototype version 3.

We are planning to include a few exercises to help the users recognize the spatial placement of the dots, and more exercises to determine their readiness to learn.

Comments in red are added to explain the reasoning and details:

Establish the concept that the braille cell has six little rooms or spaces. Demonstrate this with a page that illustrates a large braille cell. Relate the cell to the box with the 6 sections. Name and label each section with its appropriate dot numbers. \*/

Hi, My name is Andy, I am your friend and I’m going to go through some practice with you before we listen to a story together.

First, I need you to touch the Braille cell on top of the Treasure Box Braille. Can you feel the 6 little dots?

[All dots raise up]

Amazing.

Now, do you like to play a game with me?

Press button 1 to play!!

[Play after button 1 was pressed]

<dialog line to instruct child how to answer?, with two possible responses to the y/n answer, like “great, let’s beging” or “ok, maybe another time”>

Before we can start to play, I need you to keep your finger on the Braille cell and wait for my instructions. You should learn the number for each of the dots on the Braille cell. Now as you are holding your finger on the Braille cell, the dot [dot number 1 goes up…

the dot number 2 goes up

the dot number 3 goes up

the dot number 4 goes up

the dot number 5 goes up

the dot number 6 goes up]

Thank you!

Now, we are ready to start the game,

I will ask you some questions, and when you get the answer right, you will earn a point.

SR and TCO and GI

Question number 1:

Do you think the TBB is smaller or bigger than the buttons on the Treasure Box Braille?

If your answer is smaller, press button number 1. If your answer is bigger, press button number 2. If you want me to repeat the question, please press button number 3.

<If they hit the right answer:>

Good Job! Your earned 1 point!

<If they hit the wrong answer:>

OOps, that was not the right answer, please button number 3.

BS and TCO and GI

Question number 2:

“What is the shape of the buttons on TBB”?

If your answer is square, press button 1. If your answer is circle,press button 2. If you want me to repeat the question, please press button 3.

If they hit button 2:

Good Job! Your earned 1 point!

If they hit button 1:

OOps, that was not the wrong answer, please press button 3.

If they hit button 3: repeat

WR

Question number 3:

Is a chair heavier or an apple?

If your answer is apple, press button 1. If your answer is chair, press button 2. If you want me to repeat the question, please press button 3.

If they hit button 2:

Good Job! Your earned 1 point!

If they hit button 1:

If they hit the wrong answer:

OOps, that was not the wrong answer, please button 3.

If they hit button 3: repeat

DT

Question number 4:

Is TBB hard or soft?

If your answer is soft, press button 1. If your answer is hard, press button 2 If you want me to repeat the question, please press button 3.

If they hit button 2:

Good Job! Your earned 1 point!

If they hit button 1:

OOps, that was not the right answer, please press button 3.

If they hit button 3: repeat

NR

Question number 5:

Is 3 a bigger number than 5?

If yes, press button 1, if not press button 2. To repeat the question, please

press button 3.

[If they hit button 2:]

Good Job! Your earned 1 point!

[If they hit button 1:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

MO

Question number 6:

Is walking faster or riding a car?

Press button 1 for car or button 2 for walking. If you want me to repeat the question please press button 3.

[If they hit button 1:]

Good Job! Your earned 1 point!

[If they hit button 2:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

Old version:

Question #6:

Is it faster to get to school walking or to get to school in the car?

Press the button on right if it is faster walking, and press the button on left if it is faster riding a car.

<how will you give +ve/-ve feedback – probably need to give 1 point for any answer?

TC

Question number 7:

What number comes after number 7?

If you think number 8 comes after the number 7, press button 1, or If you think number 6 comes after the number 7, press button 2. If you want me to repeat the question please press button 3.

[If they hit button 1:]

Good Job! Your earned 1 point!

[If they hit button 2:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

ORIENTATION TEST

Question number 8:

I am showing you some dots raised up. these are dots 1 and 3. [pins 1 and 3 raise]

Now I am showing you dots 2 and 5 [pins 2 and 5 raise]

Now I am showing you dots 3 and 6 [pins 3 and 6 raise]

Amazing! What dots are raised now?

[pins 1 and 3 raise]

If you think they are dots 1, and 3, then press button 1.

If you think they are dots 2, and 5, then press button 2.

If you want me to repeat the question please press button 3.

[If they hit button 1:]

Good Job! Your earned 1 point!

[If they hit button 2:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

Question number 9:

I am showing you some dots raised up. They are dots 1, 2, and 3. [pins 1, 2 and 3 raise]

Now I am showing you dots 4, 5, and 6. [pins 4, 5 and 6 raise]

Now I am showing you dots 1, 2, 4, and 5. [pins 1, 2, 4, and 5 raise]

It is your turn! Which dots are raised now?

[pins 2, 4, and 5 raise]

If you think they are dots 2, 4, and 5 then press button 1.

If you think they are dots 1, 2, and 5 then press button 2.

If you want me to repeat the question please press button 3.

[If they hit button 1:]

Good Job! Your earned 1 point!

[If they hit button 2:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

Question number 10:

I am showing you some dots raised up. They are dots 2, 4, and 5. [pins 2, 4 and 5 raise]

Now I am showing you dots 1, 2, and 5. [pins 1, 2 and 5 raise]

It is your turn! Which dots are raised now?

[pins 1, 2, and 5 raise]

If you think they are dots 1, 2, and 5 then press button 1.

If you think they are dots 2, 4, and 5 then press button 2.

If you want me to repeat the question please press button 3.

[If they hit button 1:]

Good Job! Your earned 1 point!

[If they hit button 2:]

OOps, that was not the right answer, please press button 3.

[If they hit button 3: repeat]

/\*Directional activities:

•1-2-3

•4-5-6

•1-2

•4-5

•2-4-5

•1-2-5

\*/

The process of learning Braille Literacy should be developmental:

build from symmetrical to asymmetrical, from fewer dots to more dots, and from unique characters that are easily reversed and/or inverted. \*/

Congratulation, You won the game, you earned – points, and we are ready to listen to a story now…