

1. Build & Explore: Introduction to Digi-Block

- BECOME FAMILIAR WITH THE PROPERTIES OF DIGI-BLOCK
- LEARN HOW TO PACK A BLOCK-OF-10

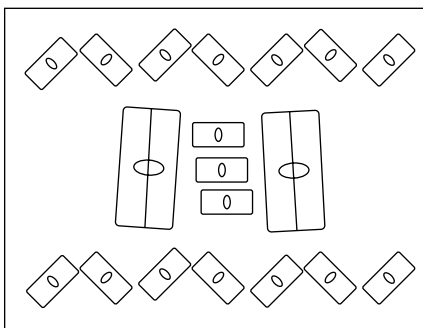
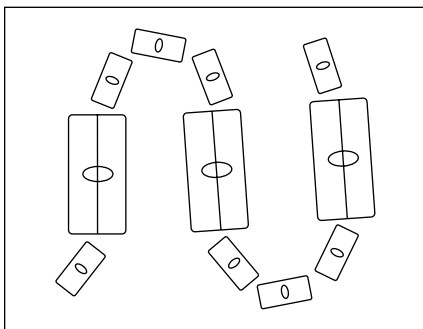
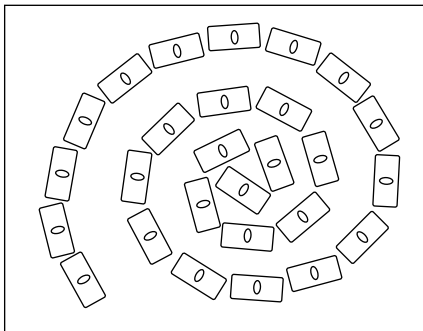
STUDENT NEEDS:

50+ blocks
5+ small holders
worksheets (small groups of students can share each set of worksheets)

● 30 minutes

GROUP ACTIVITY:

1. Give students single blocks only; allow free time to play with the blocks.
2. Challenge the students to make interesting patterns and pictures with the blocks. Suggest making a picture of a face or an animal, building a tower or fence, or balancing the blocks on their sides.
3. Ask students to identify the properties of a single block (green, rectangular, small, light, etc.).
4. Distribute the small holders and allow students to continue playing.
5. Show students one block-of-10 without letting them see you pack it; challenge them to each make their own.
6. Allow students to discover that they can pack the blocks into a holder and cover the full holder with another holder.
7. Demonstrate that if a holder is full, the cover stays on, even when you hold it upside down. Demonstrate that if a holder is not full, the cover will fall off.
8. Ask “What is the same about the little blocks and the big blocks?” (color, shape)
9. Ask “What is different?” (size)
10. Allow students to make designs, pictures, and structures with both sizes of blocks. Provide copies of the worksheets and allow students to discover that the blocks fit inside the outlines.



GOOD PROMPTING
QUESTIONS:

“If we put a cover on, will it stay on?”

Assessment:

DOES THE STUDENT:

- pack a block-of-10 correctly

Differentiation:

REINFORCEMENT:

- Allow students to play with the blocks often during free activity times.
- Students can develop their fine motor skills by packing and unpacking the blocks often.

EXTENSION:

- Ask how many blocks fit in each holder.
- Students use the blocks to make specific shapes, numbers, and letters.
- Students color worksheets to create color patterns.