

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## **Data Detective Mission: Lead the Pre-K Information Expedition**

Can your students build a story using only patterns? Synthesize symbols and colors to architect a digital map of the classroom.

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**1. If we want to show a robot how many red apples and green pears we have, which tool helps us organize this best?**

- A. A colorful storybook
- B. A sorting tray with labels
- C. A bouncy ball
- D. A nap mat

**2. True or False: We can use stickers to represent real-life objects, like using a star to mean 'one sunny day' on our weather chart.**

- A. True
- B. False

**3. When we look at our snack chart and see 10 crackers but only 2 juice boxes, we are \_\_\_\_\_ the information to see what we need more of.**

- A. Hiding
- B. Comparing
- C. Breaking
- D. Painting

**4. If you are drawing a map of the playground and want to show where the swings are, which symbol makes the most sense to use?**

- A. A drawing of a fork
- B. A picture of a bed
- C. A small U-shape like a swing seat
- D. A scribble of purple

**5. True or False: If a friend tells you it is snowing outside, but you see the sun and feel the heat, their 'data' is not reliable right now.**

- A. True
- B. False

**6. To remember which cubby belongs to which student, we use \_\_\_\_\_ with names or pictures so we don't lose our things.**

- A. Water
- B. Labels
- C. Shadows

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D. Music

**7. We want to know which fruit the class likes best. What is the smartest first step to get this data?**

- A. Ask every friend to pick one favorite
- B. Guess what they like
- C. Close our eyes and point
- D. Read a book about space

**8. If we see a pattern of Red-Blue-Red-Blue on a block tower, we can use that data to \_\_\_\_\_ that the next block will be Red.**

- A. Forget
- B. Predict
- C. Eat
- D. Clean

**9. True or False: A chart that has messy scribbles all over the numbers is still a good way to share information with the principal.**

- A. True
- B. False

**10. Your teacher asks you to 'manage' the library. What is the most 'data-smart' way to group the books?**

- A. Pile them all in the middle of the floor
- B. Put them under the rug
- C. Put animal books in one bin and plant books in another
- D. Throw them out the window