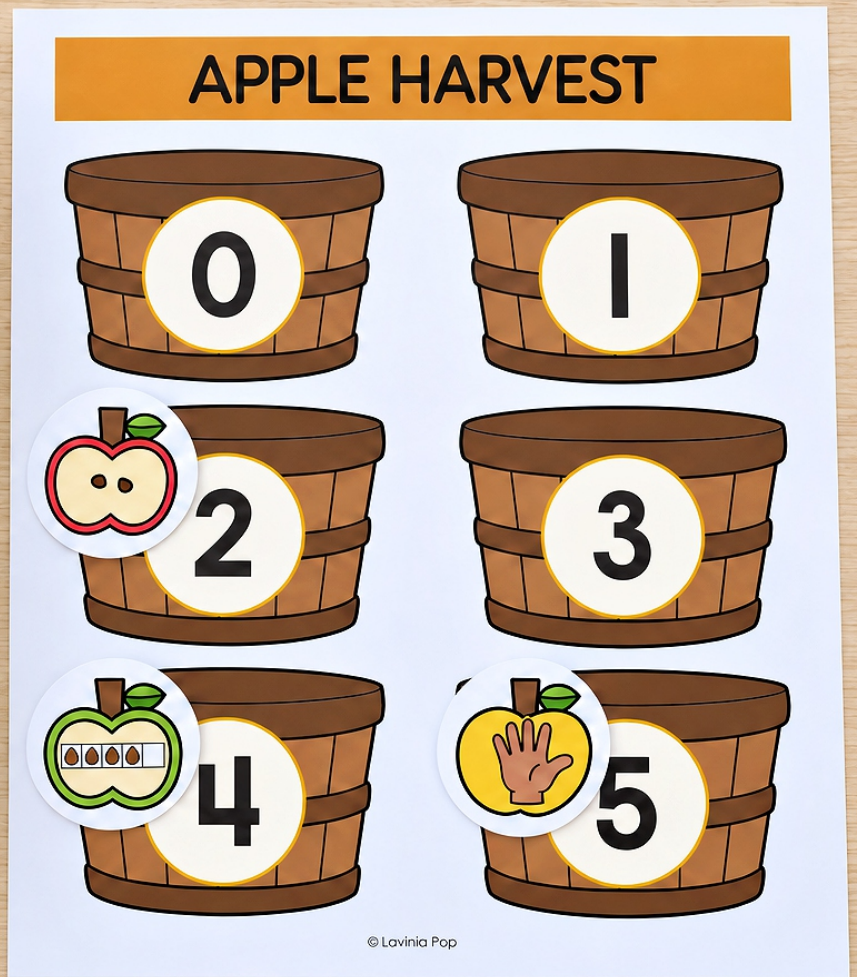


apple number sort

SENSORY BIN ACTIVITY



APPLE SENSORY BINS

NUMBER SORT



Lavinia Pop

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Lavinia

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ILLUSTRATIONS Kari Bolt, Little Red, Dancing Crayon Designs, Whimsy Clips, PartyHead Graphics, Ramona Majdis, Zip-a-Dee-doo-dah-Designs, Bunny on a Cloud, Krista Wallden - Creative Clips, Creating4 the Classroom, Rainbow Sprinkle Studio - Sasha Mitten, First Class Clipart, ClipArtisan, Muggy Studio

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PRINTING TIP This resource is designed for US Letter paper. Print at Actual Size or 100% to preserve the intended card and mat dimensions. If printing on another paper size, select Fit or Shrink to Printable Area and use the same scaling setting for all related pages.

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Apple Harvest Number Sort

Explore numbers through playful sensory discovery! Children search the sensory bin for apple pieces, identify the quantities shown, and match them to the numbered baskets.

This activity builds number recognition and counting skills while helping children understand that the same quantity can be represented in different ways.

WHAT'S INCLUDED

- 2 Apple Harvest sorting mats with baskets numbered 0 to 10
- 33 apple pieces representing numbers 0 to 10 through seeds, five and ten frames, and fingers
- Teacher directions
- Visual how to play guide
- 3 additional ways to play
- Sensory bin setup and safety guide
- Storage label

HOW TO PLAY

1. Choose a numbered basket.
2. Find an apple piece in the sensory bin.
3. Count or recognize the quantity shown.
4. Place the apple on the matching basket.
5. Find all three apples for that number, then choose another basket.

MORE WAYS TO PLAY

- Roll and Fill: Roll a die, find the matching numbered basket, and collect all three apples showing that quantity. Use a standard die for numbers 1 to 6, or choose a basket number to practice any number from 0 to 10.
- Order the Apples: Choose one apple set: seeds, frames, or fingers. Arrange the pieces in order from 0 to 10. Check each quantity and talk about which number comes next.
- Which One Doesn't Belong? Place two apples showing the same quantity in different ways beside one apple showing a different quantity. Ask children to identify the apple that does not belong and explain why.

SKILLS PRACTICED

- Recognizing numerals 0 to 10
- Counting with one to one correspondence
- Matching quantities to numerals
- Recognizing small quantities without counting
- Understanding different number representations
- Exploring zero as an empty quantity
- Ordering numbers
- Developing fine motor coordination

PERFECT FOR

- Preschool, Pre K, and kindergarten math centers
- Apple and fall themes
- Sensory bin activities
- Small group learning
- Morning tubs
- Homeschool activities

PREPARATION

Print the sorting mats and apple pieces on cardstock. Laminate for durability if desired, then cut out the individual apple pieces.

Place the apples in a shallow sensory bin with a suitable filler, leaving some partly visible. Set the sorting mats beside the bin and add optional child safe tweezers or tongs.

Begin with numbers 0 to 5 and the corresponding apple pieces. Introduce numbers 6 to 10 when children are ready. For extra support, use one type of representation at a time. For a challenge, mix all three types and ask children to explain each match.

Adult supervision is required when using sensory fillers and small pieces.

Happy Teaching :)

Sensory Bin Setup & Safety

Sensory bins provide engaging opportunities for hands-on learning, but all materials should be selected and used with the needs of your learners in mind.

BEFORE YOU BEGIN

- Print the required pages on cardstock.
- Cut out the activity pieces and laminate them for durability, if desired.
- Choose a shallow tray or sensory bin that allows children to reach the materials comfortably.
- Add a sensory filler appropriate for your learners.
- Place the printable pieces throughout the filler. Some pieces can remain partly visible to encourage searching and discovery.
- Add child-safe tweezers, tongs or scoops when appropriate.

SAFETY INFORMATION

- Adult supervision is required at all times.
- These activities include small loose parts that may present a choking hazard.
- Not intended for children under 3 years of age.
- Do not use with children who mouth classroom materials.
- Check all materials for allergies and sensory sensitivities before use.
- Choose fillers and tools that are appropriate for the age, abilities and needs of your learners.
- Inspect the materials before each use and remove any damaged pieces.
- The supervising adult is responsible for determining whether each material is suitable for the children using it.

CHOOSING A FILLER

Possible fillers include pom-poms, shredded paper, dry pasta, cereal, oats or other classroom-safe materials. Consider the age of your learners, allergies, sensory preferences and classroom policies when selecting a filler.

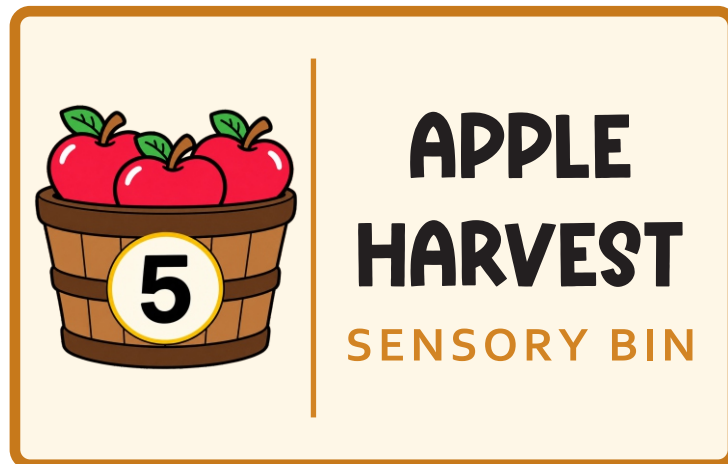
Sensory fillers, containers, tools and loose parts are not included with this printable resource.

STORAGE AND CARE

- Store each activity in a separate labeled bag or container.
- Keep all printable pieces and teacher directions together.
- Count the pieces before and after use.
- Wipe laminated pieces clean with a slightly damp cloth.
- Allow all materials to dry completely before storing them.
- Replace any pieces that become damaged, torn or difficult to clean.

Happy Teaching!

STORAGE LABEL



APPLE HARVEST NUMBER SORT

Teacher Directions



YOU WILL NEED

- Apple Harvest number mats
- Seed, ten-frame, and finger apple pieces
- Sensory bin and filler
- Optional tweezers or tongs

PREPARATION

1. Print the materials on cardstock and laminate.
2. Cut apart the apple pieces.
3. Set out one or both number mats.
4. Add all the seed, ten-frame, and finger apples to the sensory bin.

HOW TO PLAY

1. Choose a number.
2. Find an apple.
3. Count the quantity shown.
4. Place it on the matching basket.
5. Find all three matches, then choose a new number.

DIFFERENTIATION

Begin with numbers 0–5 using all three representations. Progress to numbers 0–10. Ask children to explain each match.

LEARNING FOCUS

Number recognition • Counting • Quantity matching
• Subitizing • Understanding number representations
• One-to-one correspondence • Fine motor skills

APPLE HARVEST NUMBER SORT

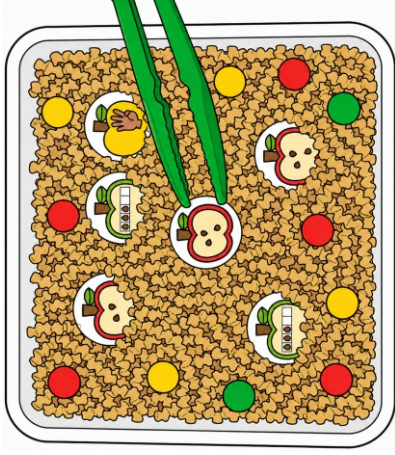
How To Play

1



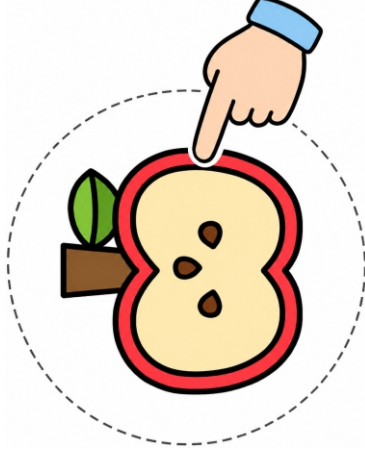
Choose
a number.

2



Find an apple.

3



Count
the quantity.

4

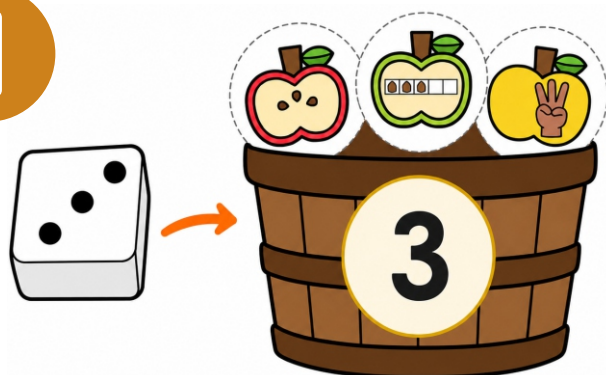


Fill the basket.

APPLE HARVEST NUMBER SORT

More Ways to Play

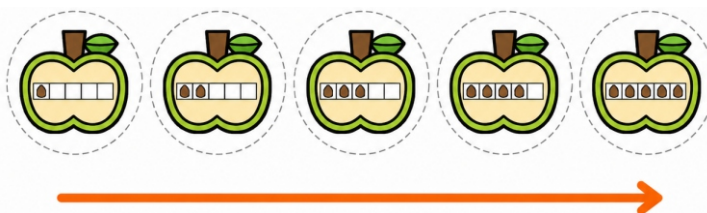
1



ROLL AND FILL

1. Roll a die.
2. Find the matching numbered basket.
3. Find all three apples showing that quantity.
4. Place the apples on the basket.

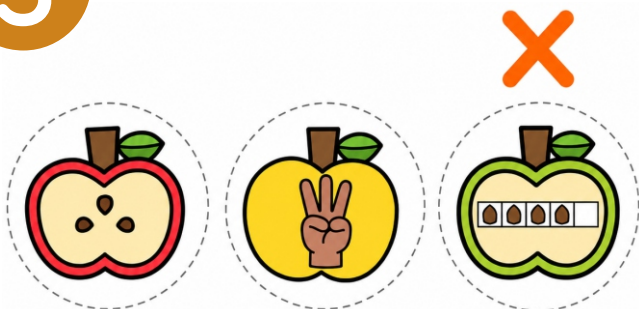
2



ORDER THE APPLES

1. Choose one apple set: seeds, frames or fingers.
2. Arrange the apples from 0 to 10.
3. Count each quantity to check the order.

3



WHICH ONE DOESN'T BELONG?

1. Choose two apples showing the same quantity in different ways.
2. Add one apple showing a different quantity.
3. Find the apple that doesn't belong. Explain why.

TEACHER TIP

Use a standard die for numbers 1–6 or choose a basket number for 0–10. Ask children to explain how they know each quantity matches.

APPLE HARVEST

