



# **Texas Early Mathematics Inventories**

Overall (v.3.0)

Kindergarten  
Teacher's Manual  
**Addendum**

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Mathematics Problem Solving for  
**FORM C**

## APPENDIX C: TEMI-O Form C Supplemental Instructions

### Practice Items

Page: 3 Cow



P-1 (first practice item)



- *Show the Mathematics Problem Solving overhead transparency.*
- Today we are going to work with math. Listen to me carefully and do your best. I do not expect you to know all of the answers—just do the best you can.
- As you work, you may want to use the sheet of paper to make marks to find the answer.
- Turn to the page where you see a cow at the top.
- Look at the boxes on the page.
- Put your finger on the lollipop.
- The boxes you see are in a row. Place your marker under the row with the lollipop.
- In the first box you see an ear, which means that you have to listen very carefully. We are going to play “connect the dots” so we can learn how to mark our answer.
- Find the box with the two dots in it.
- Draw a line that connects the dots. Draw a line from one dot to the other dot.
- *Mark the answer on the overhead transparency by connecting the two dots.*
- *Pause and check students’ work.*
- Good. This is how you mark your answers.

P-2 (second practice item)



- Now move your marker under the row where you see a lion.
- Look at the shape in the first box in the row.
- Now look at the shapes in the other boxes. Mark the box that has the exact same shape you see in the first box. Mark only one box by connecting the two dots that are in the box. (*Reminder: Bolded text means the sentence is to be repeated.*)
- *Check to see that the students marked an answer by connecting the two dots; then mark the answer on the overhead transparency.*

## P-3 (third practice item)



- Now move your marker below the row where you see a star.
- In the first box, you see an ear. This means that you have to listen very carefully.
- Now look at the other boxes. Mark the box that shows a number.
- *Check to see that the students marked an answer; then mark the answer on the overhead transparency.*
- As we continue, remember to mark only one answer for each item. And you mark your answer by connecting two dots inside a box.

## Test Items

Page: 4 Fish



- Turn to the page where you see a fish at the top.
- Move your marker under the row with the lollipop.
- Look at the first box. Look at the number of marbles in the box.
- Now look at the other boxes. Mark the box that shows the same number of marbles as in the first box.



- Move your marker under the row with the lion.
- Look at the banana in the first box and listen carefully to this story. Sam had a banana. He wanted to give half of the banana to his brother, so he cut his banana into halves.
- Now look at the other boxes. Mark the box that shows the banana cut into halves.



- Move your marker under the row with the star.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the lines in the other boxes. Mark the box that shows lines that are different.

Page: 5 Pony



- Look at the page where you see a pony at the top.
- Move your marker under the row with the shoe.
- Look at the calendar in the first box. A date is missing from the calendar.
- Now look at the other boxes. Mark the box that shows what date is missing from the calendar.



- Move your marker under the row with the hat.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the other boxes. Mark the box that shows a triangle.



- Move your marker under the row with the cake.
- Look at the pitcher of orange juice in the first box.
- Now look at the glasses in the other boxes. Mark the box that shows the glass before any orange juice was poured from the pitcher.

Page: 6 Bird



- Turn to the page where you see a bird at the top.
- Move your marker under the row with the lollipop.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the pictures in the other boxes. Mark the box that shows the ball is below the table.

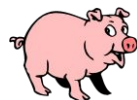


- Move your marker under the row with the lion.
- Look at the pattern in the first box.
- Now look at the other boxes. Mark the box that shows what should go next in the sequence.



- Move your marker under the row with the star.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the pictures in the other boxes. Mark the box that shows the apple is inside the basket.

Page: 7 Pig



- Look at the page where you see a pig at the top.
- Move your marker under the row with the shoe.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the other boxes. In each box there is a picture showing a time of year. Mark the box with the picture that shows the coldest temperature.

## Page: 8 Train Engine



- Turn to the page where you see a train engine at the top.
- Move your marker under the row with the lollipop.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the other boxes. Mark the box that shows the third circle filled in.



- Move your marker under the row with the lion.
- Look at the ear in the first box. This means that you need to listen carefully.
- Now look at the other boxes. Mark the box that shows the ball that is larger than the others.



- Move your marker under the row with the star.
- Look at the ear in the first box. This means that you need to listen carefully.
- Look in each of the other boxes. Each box shows a dog house being built. Mark the box that shows what happened last.

## Page: 9 Bug



- Look at the page where you see a bug at the top.
- Move your marker under the row with the shoe.
- Look at the designs and the sheets of paper in the first box. Tommy wants to sort his designs by shape and put the designs on his sheets.
- Now look at the other boxes. Mark the box that shows his designs sorted by shape.



- Move your marker under the row with the hat.
- Look at the ear in the first box. This means that you need to listen carefully.
- Look at the rows of squares in the next boxes. Mark the box that shows the second square is filled in.



- Move your marker under the row with the cake.
- Look at the shapes in the first box.
- Now look at the other boxes. Mark the box with the ten frame and number that matches the number of shapes in the first box.

Page: 10 House



- Turn to the page where you see a house at the top.
- Move your marker under the row with the lollipop.
- Look at the dogs in the first box.
- Now look at the leashes in the other boxes. Mark the box that shows fewer leashes than dogs you see in the first box.



- Move your marker under the row with the lion.
- See the ear in the first box. This means that you need to listen carefully.
- Now look at each of the other boxes and you will see a calendar marking out a day, and week, and a month. Mark the box with the calendar that shows the shortest amount of time to complete: a day, a week, or a month.



- Move your marker under the row with the star.
- Look at the pattern in the first box.
- Now look at the other boxes. Mark the box that shows the same pattern that is in the first box.

Page: 11 Policeman



- Look at the page where you see a policeman at the top.
- Move your marker under the row with the shoe.
- See the ear in the first box. This means that you need to listen carefully.
- Now look at the other boxes. If I am counting 12–13–14...**mark the box that shows what I would say next.**