Materials:
- pencil
- child-sized scissors

Pre-Assessment Level K

A child is ready to begin Level K once he or she can complete this page with 100% accuracy.

- **Colors**
  One by one, point to each color. Have the child name each color.

- **Number Recognition**
  Point to each number. Have the child name each one.

- **Shapes**
  One by one, point to each shape. Have the child name each one.

- **Counting**
  Have the child count from one to ten.

- **Pencil and Scissors Skills**
  First, have the child trace the dotted line at the bottom of the page. Then have the child cut along the same dotted line at the bottom of the page. Watch to see that the child uses proper pencil and scissors grip and can complete both tasks. (Some movement from the line is acceptable.)

### Counting Objects
- How many trees are shown here?
- How many butterflies are shown here?
- How many birds are shown here?
- How many flowers are shown here?
- How many clouds are shown here?
A child is ready to begin Level 1 once he or she has reached full mastery (100% correct) of those sections marked with an "M" and near mastery (one to three errors) of those sections marked with an "NM."

- **Name each number.**
  - 14  17  11  20  13  18  15  12

- **Count to 100.**
- **Count by twos to 20.**
- **Count by tens to 100.**
- **Circle the even numbers and cross out the odd numbers.**

- **Recite the days of the week.**
- **Which hand is your left hand? Which is your right hand?**

- **Name each coin and its worth.**

- **Circle the plant that has more strawberries.**

- **Circle the hand that has the fewest fingers raised.**

- **Underline the duck that is second in line. Circle the duck that is ninth in line. Cross out the duck that is sixth in line.**

- **Count the number of triangles shown here.**
Write the time shown on each clock.

Solve the following addition and subtraction problems.
Note: The child should be able to write each number without assistance. However, number reversal is acceptable for this level.

\[
\begin{align*}
1 + 2 &= \\
4 + 1 &= \\
5 + 0 &= \\
1 + 1 &= \\
3 + 2 &= \\
2 + 2 &= \\
2 - 2 &= \\
4 - 2 &= \\
2 - 1 &= \\
4 - 1 &= \\
3 - 2 &= \\
5 - 0 &= 
\end{align*}
\]

Continue each pattern by coloring the empty circles.

The following items are also prerequisites to Level 1. However, for those new to The Good and the Beautiful Math, these concepts are covered in the Level 1 transition lessons. The Level 1 transition lessons can be downloaded for free at www.thegoodandthebeautiful.com/mathhelps.

- ability to identify a pentagon, hexagon, ellipse, cube, sphere, cylinder, and cone
- ability to identify the duration of one second
- familiarity with measurement in inches
A child is ready to begin Level 2 once he or she has reached full mastery (100% correct) of those sections marked with an “M” and near mastery (one to three errors) of those marked with an “NM.”

☐ Write the number that comes before and after each number.

_____ 25 _____ 79 _____
_____ 50 _____ 93 _____

☐ Circle the even numbers. Cross out the numbers that are odd.

5 26 89 44 60 73 13 82 36 91

☐ Identify each coin by name and value.

☐ Insert a greater than or less than symbol between each number.

58 ____ 72
13 ____ 25
96 ____ 78

☐ Write the value of the coins shown.

= _______
= _______
= _______

☐ Count by twos to 100.

NM
☐ Count by fives to 100.

☐ Write the number that is ten more and ten less than the given number.

☐ Draw a line of symmetry through the following shapes.

☐ Solve the following addition problems without manipulatives.

\[
\begin{align*}
\text{6 + 6 =} & \\
\text{9 + 2 =} & \\
\text{9 + 9 =} & \\
\text{3 + 7 =} & \\
\text{5 + 4 =} & \\
\text{7 + 7 =} & \\
\text{7 + 2 =} & \\
\text{8 + 8 =} & \\
\text{6 + 4 =} & \\
\end{align*}
\]

☐ Draw a circle around the shapes that show \(\frac{1}{2}\) of the shape shaded. Draw a square around the shapes that show \(\frac{1}{4}\) of the shape shaded.

☐ Complete the pattern.
The following items are also prerequisites to Level 2. However, for those new to The Good and the Beautiful Math, these concepts are covered in the Level 2 transition lessons. The Level 2 transition lessons can be downloaded for free at www.thegoodandthebeautiful.com/mathhelps.

- ability to identify 2D and 3D shapes (pentagon, hexagon, octagon, ellipse, trapezoid, rhombus, sphere, cube, cone, cylinder, hemisphere, pyramid, and rectangular prism)
- ability to break a two-digit number into tens and ones
- ability to identify time to the five-minute mark
- ability to measure in inches and feet
- familiarity with seconds, minutes, and hours

Complete the following addition and subtraction problems using manipulatives only as needed.

\[
\begin{align*}
8 + 3 &= \quad 7 + 8 &= \quad 5 + 6 &= \\
8 + 4 &= \quad 7 + 4 &= \quad 6 + 7 &= \\
10 - 4 &= \quad 9 - 6 &= \quad 7 - 3 &= \\
8 - 4 &= \quad 10 - 7 &= \quad 9 - 8 &= \\
\end{align*}
\]

Write the time shown on each clock.