Sample Indiana Lesson Using the WIDA Standards Framework
GRADE: 5
WIDA
Special thanks to Peggy Young, Center Grove Elementary (Greenwood, IN) $5^{\text {th }}$ grade Math teacher in creating this lesson.

## ELD STANDARD: Standard 3: The Language of Mathematics EXAMPLE TOPIC: Surface Area

CONNECTION: Indiana Academic Standard for Mathematics (5.5.4): Find the surface area and volume of rectangular solids using appropriate units.

EXAMPLE CONTEXT FOR LANGUAGE USE: Students bring in a real life three dimensional object to discuss the mathematical terms of length, width, area, and quantity with a partner to demonstrate understanding of surface area.

COGNITIVE FUNCTION: Students at all levels of English language proficiency UNDERSTAND surface area.

|  | Level 1 <br> Entering | Level 2 <br> Emerging | Level 3 Developing | Level 4 Expanding | Level 5 Bridging | $\Gamma$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Name key terms in the student's calculation of surface area using reallife objects. | Restate the ordered steps of finding surface area using labeled visual supports. | Present the process of finding surface area using illustrated text. | Compare/contrast the process of finding surface area of threedimensional objects versus area of twodimensional objects using real-life objects. | Explain whether a surface area calculation is correct using real-life objects. |  |

TOPIC-RELATED LANGUAGE: Students at all levels of English language proficiency interact with grade-level words and expressions, such as: measure/measuring, multiply/multiplying, by (means to multiply)

