**4th Grade Math Lesson for iPad**

|  |
| --- |
| **Unit:** |
| **Objectives/TEKS:**  111.16.B.04.09.A -  The student is expected to demonstrate translations, reflections, and rotations using concrete models.  111.16.B.04.09.B -  The student is expected to use translations, reflections, and rotations to verify that two shapes are congruent.  111.16.B.04.09.C -  The student is expected to use reflections to verify that a shape has symmetry.  111.16.B.04.14.C -  The student is expected to select or develop an appropriate problem-solving plan or strategy, including drawing a picture, looking for a pattern, systematic guessing and checking, acting it out, making a table, working a simpler problem, or working backwards to solve a problem, |
| **TA TEKS:**  2.a. Use a variety of input devices such as mouse, keyboard, disk drive, modem,  voice/sound recorder, scanner, digital video, CD-ROM, or touch screen;  5.a. Acquire information including text, audio, video, and graphics; and  7.a. Use software programs with audio, video, and graphics to enhance learning  experiences; |
| **QRset for iPad/Free/ Internet** |
| **Brief Description/Steps of Lesson:**   1. Distribute Transformations handout to students. 2. Demonstrate how to use the QR code reader, QRset. 3. Students will scan the QR codes and complete the handout. |
| **End Product:**  Students will complete handout on Transformations. |

Transformations

|  |  |
| --- | --- |
|  |  |
| Draw what you see. | Draw what you see. |
| What type of transformation is shown? | What type of transformation is shown? |
|  | Scan to learn more about Transformations. |
| Draw what you see. | In your own words, explain what Transformations are. |
| What type of transformation is shown? |  |