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## Lesson Plan Template

Lesson Segment Focus Create a math game for review using QR codes

Lesson 4 of 5

Course & topic addressed Use QR codes within their math review game Date 10/17/2019 Grade 5

### Student Outcomes

Specific learning objectives for this lesson.	TSW use QR codes to develop a math game for review for their math test.
Describe the connection to previous lessons. (Prior knowledge of students this builds upon)	This is a lesson is a review lesson and involves creating and using QR codes in their math review. All materials within this review has been covered in class.
Knowledge of students background (personal, cultural, or community assets)	Students will be using real life materials/objects/scenerios/etc to develop a math game using QR codes for review of materials that has been covered in class.

### State Academic Content Standards

List the state academic content standards with which this lesson is aligned. Include state abbreviation and number & text of the standard.	AR.Math.Content.5.MD – Measurement and Data
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### Academic Language Support

What planned instructional supports might you use to assist students to understand key academic language to express and develop their content learning? What will you do to provide varying supports for students at different levels of academic language development?	Notes taken in class, step by step instructions verbally and in writing, teacher monitoring and assistance as needed
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### Key Vocabulary

What vocabulary terms/content specific terminology must be addressed for students to master the lesson?	<b>QR Code creating and scanning, math verbiage like addition, multiplication, patterns, money, timing, travel, volume and shapes.</b>
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## Materials

Materials needed by teacher for this lesson.	Quick QR Code Reader & Creator App, class set of Chromebooks, overhead projector
Materials needed by students for this lesson.	Chromebooks with Quick QR Code Reader & Creator App

## Lesson Timeline with Instructional Strategies & Learning Tasks **(This should be VERY DETAILED)**

Amount of Time	Teaching & Learning Activities	Describe what YOU (teacher) will be doing and/or what STUDENTS will be doing during this part of the lesson.
15min	<b><u>Introduction:</u></b>	TTW quickly reiterate lessons covered in the particular section that the math game should cover. TTW quickly reiterate the steps to creating and reading QR codes. TTW inform the students that they will be creating a math game that must use QR codes as a review for their upcoming test. TSW see a game that the teacher has create for an example.
1HR	<b><u>Instruction:</u></b>	TSW work in pairs to create a math review game that the rest of the class will play. They will use their Chromebooks. TTW will walk around the room monitoring, assisting and answering questions as needed. This will be a 2 day project and on the third day, TSW play the review games. Testing will commence on day 4.
10min	<b><u>Closure:</u></b>	TTW inform the students when their time is almost up and then when it is time to save and put the Chromebooks away. She will inform the students that they will work on their games during math time again tomorrow and we will all play their games on day 3 and test on day 4.

**Accommodations/Modifications**

<p>How might I modify instruction for:  Remediation? Intervention? IEP/504? LEP/ESL?</p>	<p>Modifications for this lesson could be a more hands-on, one on one approach during intervention, students having individual Chromebooks for a closer view, or screenshots provided for reference and/or home use. Students could receive additional time as well. Pairing a struggling student with an advanced student and altering the lesson to only involve only one part of the review curriculum are options as well.</p>
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**Differentiation:**

<p>How might you provide a variety of instructional methods/tasks/instructional strategies to ensure all student needs are met?</p>	<p>Assigning an advanced student with a struggling student for support, assigning specific tasks based on the student’s level, allowing students to work alone or with the teacher, and moving students to specific areas of the room are some alternatives to ensure all students are getting what they need.</p>
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**Assessments: Formative and/or Summative**

<p>Describe the tools/procedures that will be used in this lesson to monitor students’ learning of the lesson objective/s (include type of assessment &amp; what is assessed).</p>	<p><input checked="" type="checkbox"/> Formative /<input checked="" type="checkbox"/> Summative</p>	<p>Students will be evaluated during and after completion of this assignment. They will be monitored during as the teacher is monitoring the room and assisting as needed. They will then be assessed as the class is completing the review games and with paper/pencil during the actual tests.</p>
	<p><input type="checkbox"/> Formative /<input type="checkbox"/> Summative</p>	
	<p><input type="checkbox"/> Formative /<input type="checkbox"/> Summative</p>	

**Research/Theory**

<p>Identify theories or research that supports the approach you used.</p>	
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**Lesson Reflection/Evaluation**

<p>What went well? What changes should be made? How will I use assessment data for next steps?</p>	<p><i>TO BE FILLED IN AFTER TEACHING</i></p>
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Include supporting material such as slides, pictures, copy of textbook, and handouts for any activities students will be using as part of your lesson.

\*adapted from: <http://webcache.googleusercontent.com/search?q=cache:EsQcNWuG1Zoj:web.mnstate.edu/harms/StudentTeachers/edTPA-LessonPlan.doc+&cd=2&hl=en&ct=clnk&gl=us>; <http://www.moreheadstate.edu/getmedia/cd3fd026-939f-4a47-a938-29c06d74ca01/Lesson-Plan-and-Reflections.aspx>; <http://www.mcneese.edu/f/c/9cb690d2/Lesson%20Plan%20Rubric%20Aligned%20with%20InTASC.docx>; <https://www.uwsp.edu/education/Documents/edTPA/Resource12.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/Resource11a.pdf>; <https://www.uwsp.edu/education/Documents/edTPA/LessonPlanTemplateSOE.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanGuide.docx>; <https://www.uwsp.edu/education/Documents/edTPA/SpecEdLessonPlanTemplate.docx>