

## PEMDAS REVIEW JEOPARDY

|  | - Each student needs to work through the prob together. <br> - The first group to raise the board gets to pick the next question. the next group clockwise.) <br> - When picking the questions, th which will be on the Smartboa <br> - DAILY DOUBLE: the team who amount of money that they wa that the group has. At this tim the question and receive the poin they asked for. If they get the requested. <br> - FINAL JEOPARDY: At the very they want to bet. After this, th the students will have one min their answer until the time is up answer will have to add their b answer will have to subtract th <br> 3. After this give the students time to ask <br> 4. Play the game! | ke a turn writing on the whiteboard. Other teammates can ms on scratch paper and help work through the problem <br> up in the air, with the correct answer wins the points and One team can only pick twice in a row then it moves on to <br> students will pick a category and then a dollar price, all of <br> cks daily double will have the opportunity to request the t to win. The amount cannot be higher than the amount on only the team who picked the daily double can answer ints. If they get the answer right they get all the points that swer wrong then the team loses all the points that they <br> d the groups have 30 seconds to agree on the amount that final jeopardy question will be read to the students. Here e to work their problem out. However, they will not show and they are called on. Finally, the students will the right to their current total and the students with the right ir bet number from their current total, to reveal the winner. ny questions that they might have about the rules. |
| :---: | :---: | :---: |
| 20 min | Explore: (independent, concrete practice/application with experiences, reflective questions- probing or clarifying q <br> After the students have an understanding of w the rules it is time to play the game. The teach there any problems that all, or majority of the | relevant learning task -connections from content to real-life estions) <br> at is expected from them for the game and they understand will go through the PowerPoint, as the students direct. If oups, get wrong go over them on the board as a class. |
| 2 min | Review (wrap up and transition to next activity): <br> After the students have completed the game a operations are. Afterwards, if there is the time on Friday. Remind them that they will have to can do AR reading before the transition to the | added up all their points, review what the order of e students can study for their Math test that they will have problems like these on their math test. OR the students er class. |
| Formative Assessment: (linked to objectives) <br> Progress monitoring throughout lesson- clarifying questions, check- <br> in strategies, etc. <br> The students will be checked throughout jeopardy with the work and answers that they show on the whiteboard. |  | Summative Assessment (linked back to objectives) <br> End of the lesson: <br> The students will be assessed on their abilities to use PEMDAS in with the order of operations at the end of the unit with the unit test that they are reviewing for with this lesson. |

Reflection (What went well? What did the students learn? How do you know? What changes would you make?):

## Things that went well:

Overall, I was really impressed with how the students responded to this lesson. It was nice that I was able to spend two days, previous to have taught this lesson, working with the kids while they did their math review form their books. I know that being able to have them come and ask me questions about where they were struggling really helped me to prepare a lesson and a review game that triggered area where they needed

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some extra help. Also, the students really responded to the jeopardy game. It helped keep them focused and excited about what we were learning in class. It was fast enough to keep them involved but one to fast that they didn't know what was going on or get behind. Having the students take turns writing the answer. This was to make sure that everyone was participating in the activity and not just relying on other members of the team to do the work. In all, the lesson went well. It flowed through from beginning to end and the students were able to stay on task throughout the whole time.
Considerations for next time:
A few different areas that I would work on or change if I teach these again are a few simple changes. First, I would try and allow more time at the end for the students to be able to work out the final jeopardy problem. I feel like the students hurrying and therefore did not pay close attention to the questions. Also, maybe have a worksheet for the students to take home with all the problems so that they can work on the questions is they wanted to. Especially the ones that they got wrong or did not understand. Also, I would make sure to keep better track if the students were really taking turns with who was writing the answer on the board. Finally, I would have all the students write out the answer for the final jeopardy question/problem and tell them that that problem is their exit slip. The last question is a combination of all the different areas of PEMDAS and it is really important that the students are able to get this problem. Therefore, it is nice to see their work and have a better understanding of what the students needed before the test.
Final thoughts: I was really happy with how this lesson went and how the students responded to the lesson. The students were engaged throughout the lesson and they were good at participating and trying their hardest. By the end of the lesson, the students left the classroom not frustrated or upset about their math but with better understanding and excitement.

