

Multiplication Tableau

Third Grade
Adapted by C Moore

CORE SUBJECT AREA

Math

ART FROM + ELEMENTS

Drama, Tableau

MSCCR STANDARDS

3.OA.3. Use multiplication and division within 100 to solve word problems in situations involving equal groups, arrays, and measurement quantities, e.g., by using drawings and equations with a symbol for the unknown number to represent the problem.

MSCCR CREATIVE STANDARDS

TH: Pr 4.1.3. Select, analyze, and interpret artistic work for presentation.

- a. Apply the elements of dramatic structure to a story and create drama/theatre work.

DURATION

15-20 minutes

*If this is your first time using Tableau allow more time.

*If this is your first time using The Actor's Toolbox allow more time.

OBJECTIVES

TSW work in groups to create a tableau in response to the teacher given multiplication and word problems. TSW solve multiplication word problems. TSW think more deeply (create depth) about the concept of multiplication. TSW demonstrate their learning through tableau. TSW collaborate and communicate with one another.

MATERIALS NEEDED

Multiplication word problems, paper, pencil, tableau task cards (made by teacher using index cards)

VOCABULARY

Tableau
Facial expression
Levels (high, medium, low)
Proximity
Frozen
Movement
Multiplication
Factors
Product

RECOMMENDED RESOURCES

The Actor's Toolbox Script

<https://educationcloset.com/2013/05/31/actors-toolbox-script/>

https://www.scoe.org/les/Acting_Right_Packet_11-28-16.pdf

LESSON SEQUENCE

1. Read the word problem as class.
2. Circle the “characters.” (The characters are whatever word problem is about.)
3. Create statues of the characters. (Statues are still, statues are silent, they want to tell us who they are.)
4. Pick the students with the strongest statue. (Look for great facial expression and students showing movements in their frozen pictures.)
5. Ask those students to come up on stage.
6. Decide what the first group of characters will be.
7. Display that group for the class. (Ask students to add levels to their picture.)
8. Decide how many groups you need.
9. Display that number of groups for the class.
10. Students draw their picture.
11. Students solve the problem.
12. Actors return to the stage to check the answer as a class.

Activate the tableau by having one student speak when you tap their shoulder. Allow students to write the math problem with you as you tell the story.

EXTENDED LEARNING ACTIVITIES

The students can write their own multiplication word problems and then create tableau.

SOURCES

Making Number Stories Come Alive! Bonnie Gable-bonnie@kidsmart.org
www.literacylovescompany.com
https://www.scoe.org/les/acting_right_packet_11-28-16.pdf

TIPS + FREQUENTLY ASKED QUESTIONS

Tips for Success:

1. Listen to each other’s ideas
2. Work as a team and cooperate with each other.
3. Use facial expressions to convey emotions.
4. Use your bodies to show movement and shapes while standing still.
5. Group members should place themselves at different levels: high, medium, low to the ground, for visual interest.
6. The group needs to be completely quiet as they move into position and stand perfectly still during the presentation of the tableau.
7. Try to block out the audience and focus on keeping all of your muscles still.

*These “tips for success” came from Tandra Danley of Literacy Loves Company. She has a free poster in her TpT store.

<https://www.teacherspayteachers.com/Product/Tableau-for-theclassroom-1781956>

There are also YouTube videos available to see class demonstrations of Tableau.

<https://www.youtube.com/watch?vB89ZX1OKV5m>