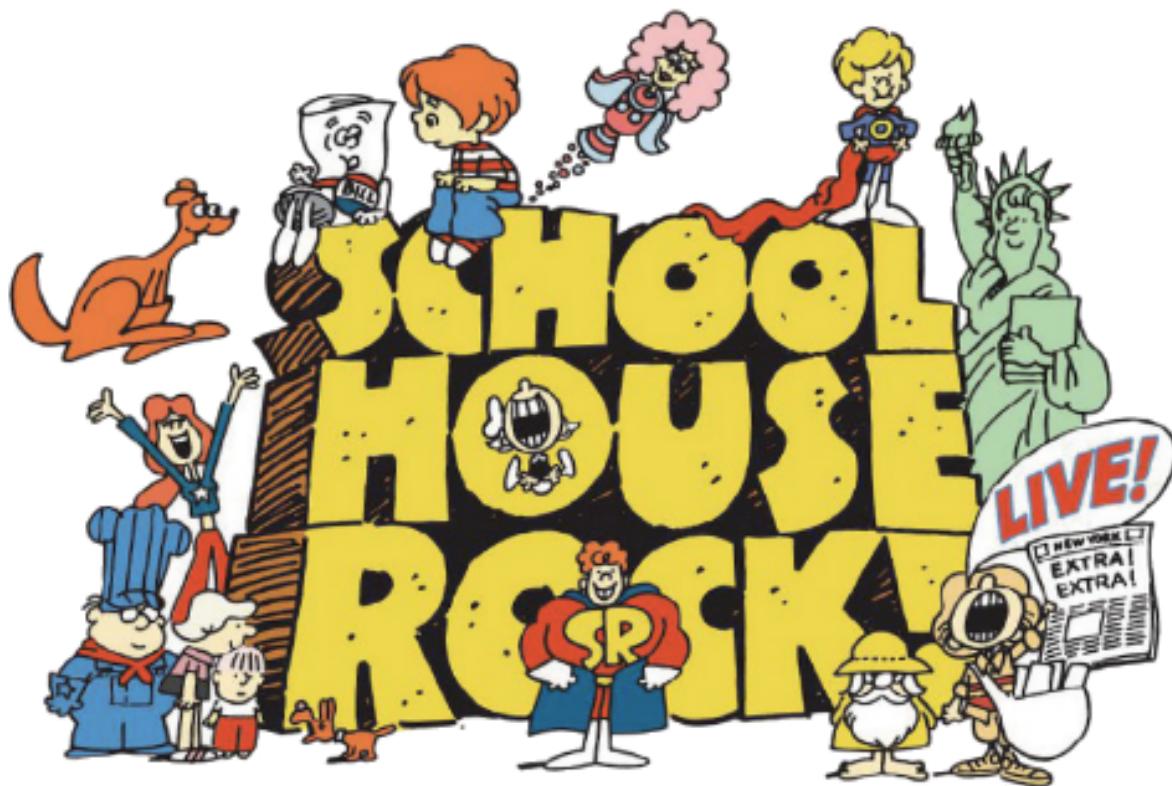


Moonbox Productions presents



A Rockin' Study Guide

(Because solid co-curriculum ROCKS.)

Dear Educator,

Enclosed you will find our study guide full of information, vocabulary, games, and activities to help prepare your students for our production of *Schoolhouse Rock Live!* The show spans four different subject areas: multiplication, science, grammar and history. We have taken care to include activities that are appropriate for all grade levels.

We hope that you find the study guide helpful in reinforcing the subject matter covered in *Schoolhouse Rock Live!* as well as drawing connections to the curriculum in the classroom.

Moonbox Productions would appreciate your comments and suggestions about the show and the study guide. You will find a comment sheet immediately following this letter. Please take the time to fill it out and either scan and email it to bostonschoolsrock@gmail.com or mail it to

Michael Herschberg
c/o Schoolhouse Rock Live
100 Henderson St.
Needham, MA 02492

Thank you and we look forward to seeing you soon.

Sincerely,

Moonbox Productions
30 Brattle Street
3rd Floor
Cambridge, MA
02138

SCHOOLHOUSE ROCK LIVE! comment sheet

NAME: _____

SCHOOL: _____

Please circle the appropriate number:

	<u>EXCELLENT</u>	<u>GOOD</u>	<u>FAIR</u>	<u>POOR</u>
1. I thought SRL! was	4	3	2	1
2. I thought the study guide was	4	3	2	1
3. Teacher reaction to SRL! was	4	3	2	1
4. Student reaction to SRL! was	4	3	2	1
5. The length of the performance was	4	3	2	1
6. The performers in SRL! were	4	3	2	1
7. The actors' enunciation	4	3	2	1

8. Additional comments or suggestions on the performance:

9. Additional comments or suggestions on the study guide:

Please email bostonschoolsrock@gmail.com or mail to: Michael Herschberg
c/o Schoolhouse Rock Live!
100 Henderson St.
Needham, MA 02492

How to be a good audience member

We suggest the following guidelines:

- Take time before the performance to do some of the activities in the study guide. Familiarity with the events of the play enhance the experience and minimize the potential for confusion and a possible lack of attentiveness.
- For some of your students this may be their first live theater event. Discuss with them the differences between their role as a television audience (passive) and a theater audience (active).

Highlight their responsibilities:

- Being quiet: If it's noisy the performers can't do their jobs. Actors can see and hear the audience just as much as the audience can see and hear the actors.
- Showing self-control: If someone is squirming in his or her seat, he or she might disturb other sitting nearby.
- Applauding: Audiences can give back the good feelings they receive from the performers through clapping.

All of the guidelines coupled with your own enthusiasm and attentiveness should create a positive attitude towards experiencing a play! And don't forget the most important rule – ENJOY THE SHOW! You ROCK!

Multiplication Rocks activities

The following Multiplication Rock songs are in the production of *Schoolhouse Rock Live!*



- Three Is A Magic Number
- Ready Or Not, Here I Come (by Fives)

Pre-show activities

- As a class, make a list of things in which three is a “magic number”. Examples from *Schoolhouse Rock Live!* include a tripod (3 legs), a tricycle (3 wheels), a triangle (3 sides), etc.
- Have the students draw pictures of the things that they discovered above and make a “Three Is A Magic Number” book.
- Play “Steal The Bacon By Fives”. Divide the class into two teams. The players on each team are assigned a multiple of five (5, 10, 15, 20, etc.). Each team will have one player with the same multiple. Teams stand in a straight line on opposite sides of the room. Place the “bacon” (a ball, eraser, or any object) in the center of the room. The teacher will call out a random number. The student whose number is the teacher’s number times five tries to be the first one to run to the middle and grab the “bacon.” So if the teacher yells “Six!” the students assigned “30” will be competing.

Post-show activities

- Play hide and seek but count by fives like Tom does in the show.
- Create your own number wheel showing multiples of three or five (or any number). You can use cardboard or paper and a brad in the center so it can turn.

Vocabulary

Faith	Hope	Charity
Tripod	Triangle	Tricycle
Product	Even number	Odd number

Science Rocks activities

The following Science Rock songs are in the production of *Schoolhouse Rock Live!*

- Interplanet Janet
- Do the Circulation



Pre-show activities

- Divide the class into small groups. Each group must research one planet. Groups can create a flag that represents their planet, a national anthem (sung to a familiar tune like “Twinkle Twinkle Little Star” or “Row Row Row Your Boat”), a planet salute (a physical movement that represents their planet), and a model of their planet.
- Explain how your heart pumps your blood regular beats. You can measure this by taking your pulse. How many times does your heart beat per minute when sitting quietly? How many times does your heart beat per minute after you’ve done 20 jumping jacks? Bonus points for taking your pulse for 20 or 12 seconds and multiplying that number by three or five to connect with the math songs.

Post-show activities

- Make a model of the solar system. See which planets are closer to the sun and which are farther away. Compare the sizes of the planets.
- Research and discuss the circulatory system such as the four parts of the heart, the difference between veins and arteries, etc. On a large piece of paper outline one student’s entire body. Using your research draw in parts of the circulatory system.

Vocabulary

Lungs	Heart	Artery	Vein
Blood	Circulation	Ventricle	Atrium
Nutrition	Oxygen	Solar system	Planet
Galaxy	Hydrogen	Helium	CO ₂ (carbon dioxide)
Mercury	Venus	Earth	Mars
Jupiter	Saturn	Uranus	Neptune
Pluto			

Grammar Rocks activities

The following Grammar Rock songs are in the production of *Schoolhouse Rock Live!*

- Verb! That's What's Happenin'
- A Noun Is A Person, Place or Thing
- Unpack Your Adjectives
- Conjunction Junction
- Interjections!



Pre-show Activities

- Cut out pictures of people, places and things from old magazines and make a collage of nouns. Use adjectives and verbs to write a short story about the pictures in the collage. For a more advanced project you can use pronouns and interjections too.
- In small groups ask students to create their own skits, songs or dances that help to show what a noun, adjective or verb does in a sentence.
- Divide the class into teams. Find a “busy” looking picture (Richard Scarry has some great ones) and give each team the same picture. Make a list of all the adjectives or nouns in the picture and see which team can find the most.
- Play “The Noun Game”. Make three piles of paper using words or pictures. One pile has people, the second pile has places and the third pile has things. Ask a student to pick one word from each of the piles and form a complete sentence that uses all three nouns.
- Play “The Verb Game”. This is the same as the noun game except you add a fourth pile of verbs as well and the students now must include three nouns and a verb in a sentence.

Post-show activities

- Draw and color your favorite moment from *Schoolhouse Rock Live!* and write a short paragraph about it using nouns, verbs, adjectives and interjections. Feel free to send it to us to let us know what you liked!
- With the class, brainstorm separate lists of nouns, adjectives and verbs. In a small group write a short story using five words from each list and then act out the story for the class.
- Complete the crossword puzzle that is in this study guide.

Grammar Rocks activities (continued)

- Play the “Describe It” game. Show a random object to the class for 15 seconds and then put it away. Ask the students to write a description of the object in detail as if they were describing the object to someone who is blind. They are not allowed to say the name of the object. Once the descriptions are completed, circle all the adjectives. For a more advanced game students can be paired up and Student A, who can see the object, must describe the object to Student B, who cannot see it. Student B must draw a picture of that object. See how close the drawing is to the actual object.

Vocabulary (Rocks)

Verb	Noun	Adjective
Compare	Interjection	Injection
Infection	Excitement	Emotion
Exclamation point	Comma	Flora
Fauna		



America Rocks activities

The following America Rock song is in the production of *Schoolhouse Rock Live!*

- I'm Just A Bill (How a bill becomes a law)



Pre-show activities

- Discussion activity: What is a bill? How does a bill become a law? Why do you believe the first Congress of the United States of America created such a lengthy process? For a more advanced discussion learn about the Supreme Court and what responsibility each branch of government has related to a law.
- Ask students what laws they know about such as stopping at a red light or that people must pay a bill from a restaurant. What do the laws have in common?

Post-show activities

- Divide the class into the Senate and the House of Representatives. The teacher is the president. As a class decide on a law that would be good for the classroom or school. See if you can pass the bill through both chambers of the legislature and propose it to the president. Will the president sign the law or veto it?
- Write a letter to your senator or representative asking him or her to consider a new law you would like to see passed.

Vocabulary

Bill	Law	Capitol Hill
Committee	Debate	Senate
House or Representatives	Vote	Veto
Congress		

Draw a picture and write a letter

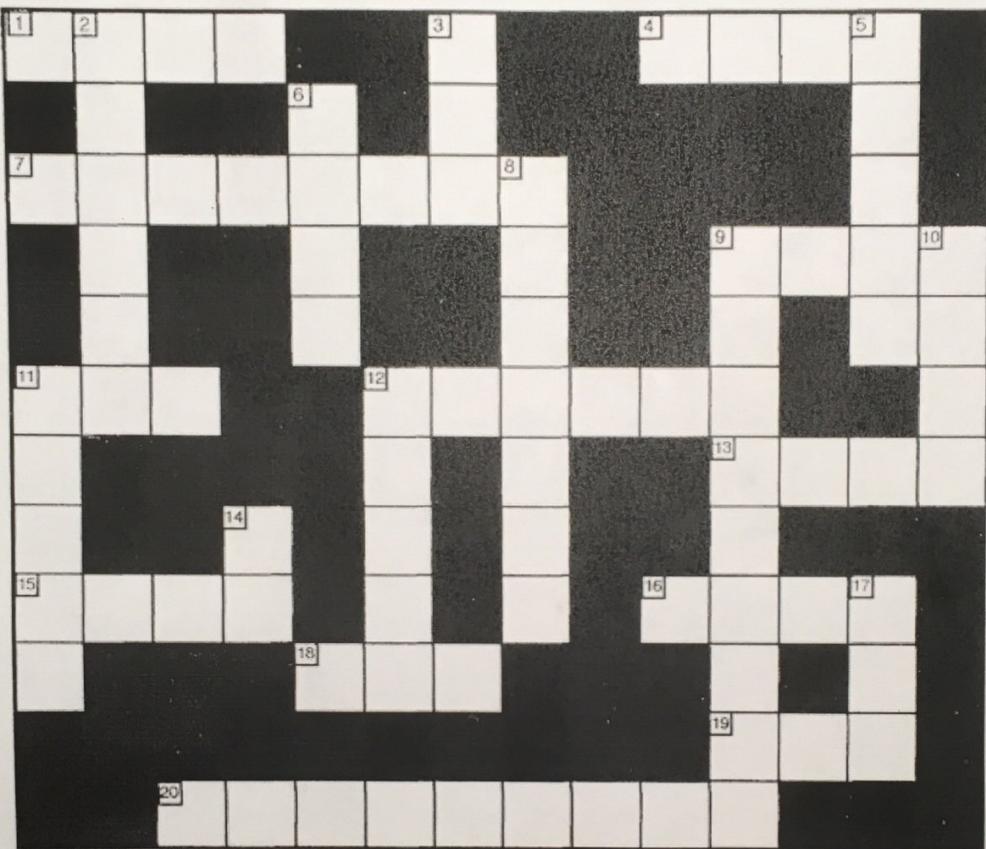


Draw us a picture of a scene you remember from *Schoolhouse Rock Live!*

Write us a letter and tell us what your favorite part of the play was. The actors would love to hear from you!

Mail to: Schoolhouse Rock Live! 100 Henderson St. Needham, MA 02492

SCHOOLHOUSE ROCK LIVE!
CROSSWORD PUZZLE



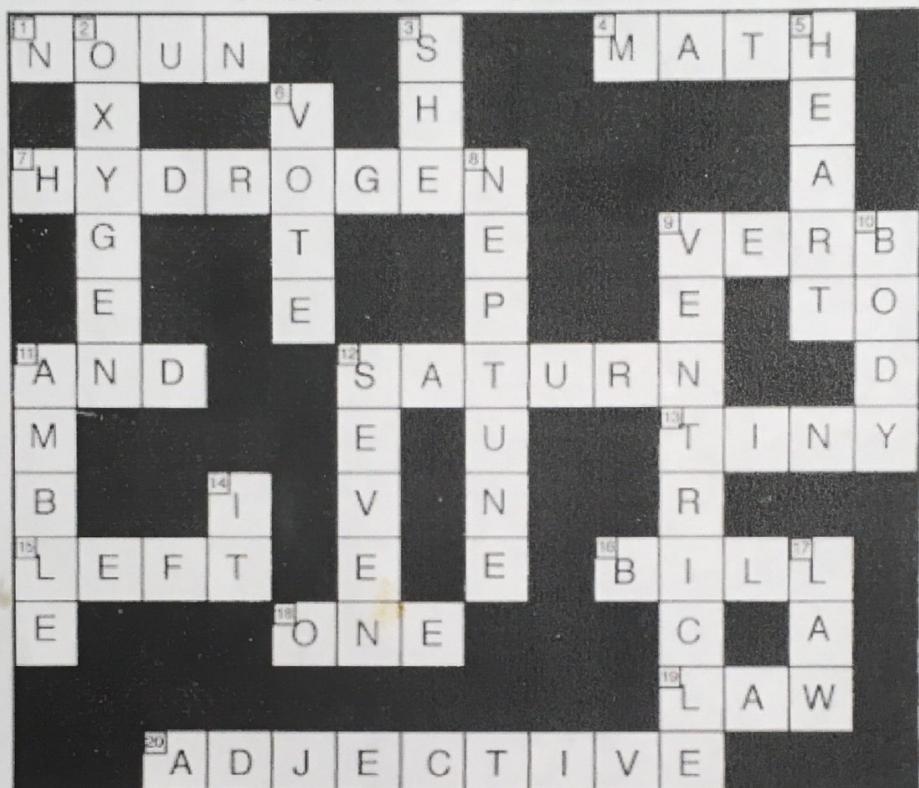
ACROSS

1. A person, place or thing.
4. Arithmetic
7. These gases: _____ & helium, make up the sun.
9. An action word.
11. A conjunction.
12. The planet with the rings.
13. Adjective meaning "small."
15. _____ & right atrium.
16. A _____ becomes a law.
18. The number of hearts you have.
19. The President can veto this.
20. A word that describes things.

DOWN

2. The blood carries this.
3. Pronoun for "Barbara Bush."
5. Pumps the blood.
6. We do this to elect a president.
8. Planet that is similar to Uranus.
(It's built on a "funny tilt.")
9. The heart has a left and right _____.
10. The _____ is filled with veins and organs.
11. The Pre_____ is the first part of the Constitution.
12. The product of 7×1 .
14. A pronoun for "kangaroo."
17. Opposite of "high" (an adjective)

SCHOOLHOUSE ROCK LIVE!
CROSSWORD PUZZLE KEY



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Educator Notes

(Because due diligence ROCKS.)



Comments/Concerns/Compliments to:
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3rd Floor
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