

THE STRING THING GAME

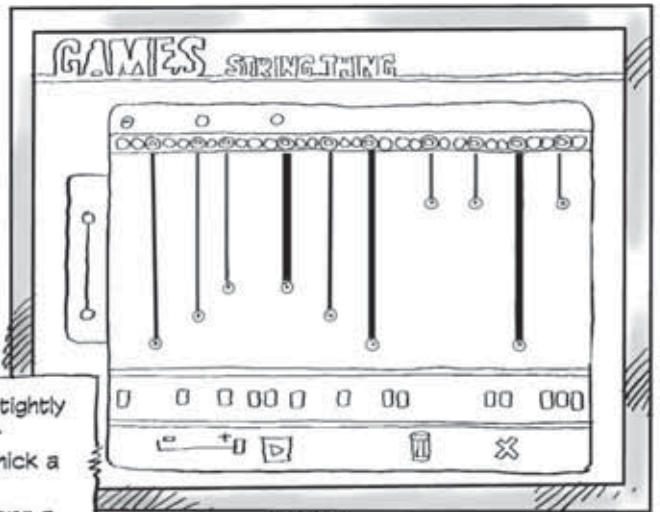


as built on TV
pbs.org/designsquad



1. Open the String Thing game. If you need to go online, go to pbs.org/designsquad and click on "Play Games."

2. Drag strings onto the grid. Click on them to change their properties.

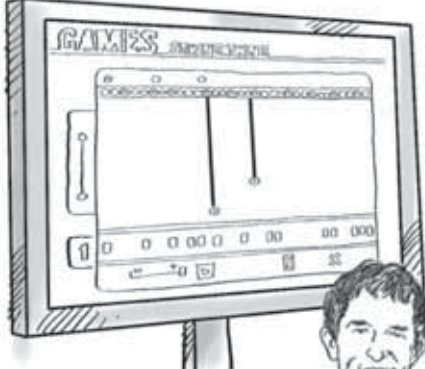


Tension is how tightly pulled a string is.
Gauge is how thick a string is.
Length is how long a string is.

3. List three ways to lower a string's pitch.



5. Which changes the pitch more: increasing the gauge of a string by one click, or the length of a string by one fret?



4. Drag a long string and a short string onto the grid. Change the tension or gauge of these strings so they play the same pitch. Describe what you did.

6. How do you play the highest note possible?



7. List some reasons why adult voices are usually lower than kids' voices.

Major funding for Design Squad provided by

Additional funding for Design Squad provided by



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