



AMERICAN  
**MUSIC**  
**THERAPY**  
ASSOCIATION

# Open Mic Night

## Fundraising Event for American Music Therapy Association

Dear Students,

On April 2nd, White Rhino Coffee Shop will be hosting an open mic night where local artists come together to share their talents! Businesses around the community will join White Rhino to help raise money for the American Music Therapy Association, as they graciously donate 10% of the evening's profits to AMTA.

*How can we, as music producers, use our knowledge of periodic behavior in music to create an instrumental piece to accompany a famous poem or song written by you and your team to be performed at the open mic night at White Rhino Coffee Shop?*

Composing an instrumental piece requires knowledge of period behavior in music, consonance, and dissonance. For this five day project, you and your team must:

- ❖ Find a poem that includes:
  - Genre characteristics that are school appropriate and to be approved by the English teacher
  - One verse and a chorus
- ❖ Create an instrumental piece:
  - Instrumental piece must be at least one minute long to go along with your poem
  - Must use GarageBand to create instrumental pieces
- ❖ Math presentation (4 minutes):
  - Must use professional design standards
  - Create a visual presentation that uses DESMOS to graph frequencies that demonstrate consonance and dissonance
  - Must describe the periodic behavior of the structure of the instrumental piece and describe how it models a trigonometric function, including the specific equation
  - Present song via live performance or video

**The winning song of each class period will perform their piece on April 2nd at the White Rhino Coffee Shop in Cedar Hill, TX!**

*(Final performance can be done with GarageBand recording or live instrument)*

We look forward to hearing your musical creations!

