

# CHERYL BOMBENGER

Teaching Activities Done Aesthetically  
(Academic Songs)

# SESSION ELEVEN



## CONTACT INFORMATION

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SCHOOL SYSTEM	Fargo Public Schools (Fargo, ND)

## RESOURCES

INNOVATE MY SCHOOL ARTICLE	"Bringing Learning To Life With Academic Songs" Innovate My School is a community-driven website that keeps teachers informed about the latest ideas and trends in education based in the United Kingdom
LITERACY AND AG	Songs, Strategies, and Activities connecting academics and engaging lessons with agriculture
SONGS & ACTIVITIES	In Literacy and Agricultural Literacy
PRAIRIE PUBLIC WEBCHAT	Music and Movement in the Classroom

## TOOLS TO ASSIST WITH ACADEMIC SONGS

MATH CARDS	Students use this "visual" with their "Counting By Songs" for multiplication facts, repeated addition, and division
DANIEL TIGER K-2	Watch and listen to Daniel Tiger's songs together. They can help in all kinds of everyday situations. Each song page also includes lyrics, sheet music, and a coloring page.

## SONGS

SONGS FOR TEACHING	200 artists' songs
SONG LESSON PLANS	Songs and Lesson Plans and Planning Helpers
SCHOOLHOUSE ROCK	Variety of curriculum topics through song and video

## RESEARCH/ARTICLES

### Music and Movement in the Classroom

MUSIC & LEARNING: INTEGRATING MUSIC INTO THE CLASSROOM	Based on extensive research and experiences, will provide you with successful and valuable guidelines for incorporating music into the teaching and learning environment
HOW TO TEACH USING SONG	Songs as a useful tool.
USING MUSIC AS A TEACHING TOOL FOR KIDS	"There may be no more powerful method of learning than through music, and no more important lessons for children than those that focus on character and social and emotional skills," according to clinical psychologist, Don MacMannis, Ph.D.
MUSIC TO MANAGE YOUR CLASSROOM	Music is a powerful tool to manage your classroom.
HOW SONGS CAN HELP YOUR CHILD LEARN & RETAIN INFORMATION	Simple songs are used to teach children important life skills in fun ways
THE POWER OF MOVEMENT IN TEACHING & LEARNING	By letting students experience the curriculum through their bodies, we help them make deeper emotional, interpersonal, and kinesthetic connections to academic subjects.
SIMPLE GESTURES HELP STUDENTS TO LEARN	The difference between success and failure in school could be as simple as the flick of a wrist.
HAND GESTURES DRAMATICALLY IMPROVE LEARNING	Kids asked to physically gesture at math problems are nearly three times more likely than non-gesturers to remember what they've learned.

## TECHNOLOGY/VIDEOS TO SUPPORT MUSIC & MOVEMENT IN THE CLASSROOM

GO NOODLE	Movement and mindfulness in the classroom
QUAVER MUSIC	Evidence based programs; is the world leader in PreK-8 music education

## TECHNOLOGY TIDBITS AND RESOURCES

FLIPGRID.COM	Showcase STEAM ideas...the possibilities are endless for students to verbalize their learning!
EDPUZZLE.COM	Edpuzzle is an easy and effective way to deliver videos in the classroom... Comprehension questions /quizzes to ensure understanding. Edpuzzle video comes to life with audio-notes and questions.
VIRTUAL FIELDTRIPS	250 Virtual Field Trips



*We sit at the carpet to learn the songs. Students use the songs to engage in to improve their **READING**, use as a resource to assist their **WRITING** (also **SPELLING** and **VOCABULARY**).*

## WHY USE ACADEMIC SONGS?

- ★ Improve recall
- ★ Improve retention
- ★ Reduce stress
- ★ Multi-modality delivery
- ★ Sensory integration
- ★ Increased enjoyment
- ★ Improved reading
- ★ Writing
- ★ Creative outlet
- ★ Vocabulary
- ★ Use as a resource
- ★ Fun ~ Change ~ Destress
- ★ Allow for movement ~  
midline crossing

**ACADEMIC SONGS** Are protected for students to sing (RED). Gestures are used to promote greater understanding. In addition, adding movement keeps the brain alert. Slide decks are shared with students. Videos that support the lesson are linked to the slides. Students can grow their knowledge by watching them in or out of school. This is also beneficial for students who are absent to watch to ensure understanding of what was missed.

### MORNING SONG

Guten tag	[ good day ]
Bonjour	[ hello ]
Buenos dias	[ good morning ]
Ciao	[ hello or good bye ]
We hope you have a great day!	



# ARE YOU READY TO LEARN? (come to the carpet song; begin to teach song)

Repeat "are you ready?" 3 times

Learn, Learn, Learn...we are ready to learn!  
**Go! Grow! Draw! Read! Play! Run!**

Change up with different questions...

Are you ready? Are you ready? Are you ready to READ?  
**READ! READ! READ! We are ready to READ!**



## I CAN! I CAN!

I **CAN** stick to it, **I CAN! I CAN!**  
I **CAN** if I try, **I CAN! I CAN!**  
I **CAN** get it done, I can have some fun!  
**I CAN! I CAN! I CAN!**  
Mindset... stay on task!  
Start to finish... make it last!  
Strategies... tools and time!  
Make it count...  
Goals... Keep in mind!

We had fun but it's time to go home!  
i can't wait to see you tomorrow!



## YET

Not today, I don't get it  
Not today, **NOT YET!**  
Maybe tomorrow?  
I'll get it, I'll be set!

When I can't  
When I don't  
When I feel a little down  
I think, **NOT YET!**  
Soon 'Ill turn it all around!



## POLYGONS

Polly want a cracker, **POLLY-POLYGON!**  
A "figure with closed sides"

Polly is right on!  
Line segments everywhere  
Just close them and you'll see

**POLYGONS** are everywhere  
So many polygons for me!

## INTERJECTIONS!

*Tune: We Will Rock You by Queen*

We are... **WE ARE INTERJECTIONS!**  
We are... **WE ARE INTERJECTIONS!**

Wow, did you look, did you see him go?  
Hey, little buddy, that was a good throw?  
Zap, went the ball, it went real fast!  
Ouch, hit me hard, oh, that's going to last

## TO ABBREVIATE

Mr. and Mrs., Ms. and Dr.  
U.S.A., Ph.D., D.C., and A.D.

To abbreviate to shorten  
You must add a period  
To abbreviate to shorten  
You must **PUNC...TU...ATE!**

St. and Ave., pd. and C.O.D.  
Lb. and oz., N.,S.,E., and W!

Sun., Mon, Tues., Wed.  
Thurs., Fri., Sat., and Sun.

Jan., Feb., Mar., and Apr.  
Aug., Sept., Oct., Nov., Dec.

## HEY I LIKE TO READ

*(Genres)*

Hey, I like to read  
Many different kinds of books  
Hey, I like to read  
Many different things  
Hey, I like to read  
Many different genres  
Many different genres make my heart sing

Biographies, history, realistic fiction  
Fantasy, poetry, adventure too  
Fairy tales, fables, nature, and classics  
Memoirs, sports and books that are true.

*Refrain*

Horror, mystery, and science fiction  
Legends, pure science, and psychology too  
Religion, plays, geography, languages,  
Applied science and "how to"  
Oh, genres are cool!

*Refrain*



## SKIP COUNT BY SIX

6, 12, 18

24, 30

### COUNTING BY 6

Can get a little dirty

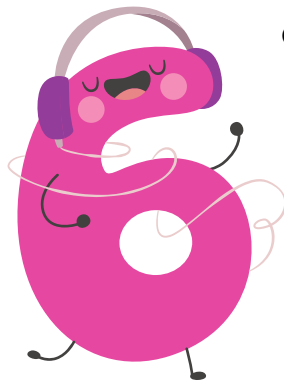
36 (2, 3, 4)

42 (2, 3, 4)

48, 54

Then comes 60

**COUNTING BY 6** is what we do! (Yah!)



One for the Money!

## SKIP COUNT BY NINE

9, 18 and 27

36, 45, 54

63, 72 and 81

### COUNT BY 9

And shut the door!

If I were a Rich Man



## MATH CARD

(Found in Resources)  
Visual For Song

6	12	18	7	14	21
24	30	36	28	35	42
42	48	54	49	56	63
8	16	24	9	18	27
32	40	48	36	45	54
56	64	72	63	72	81

## ROT RULES THE WORLD

### ROT RULES THE WORLD

It really, really rules  
Without rot, you couldn't even walk!

### ROT RULES THE WORLD

It really, really rules  
Atoms recycled, let's talk! (Decomposition)

Decomposers work slower, when they're  
very cold  
Those spores need moisture and time  
Single celled bacteria, multiply like mad  
Fuzzy mold will come to visit and to dine!

## CRACK THE CODE

### CAN YOU CRACK THE CODE, hey?

Every living thing has DNA!

It's the secret of life, ya!  
Billions of letters, DNA will have

### Refrain

Every living thing has cells  
One to a trillion, ring those bells!

### Refrain

## HABITATS

### MANY A HABITAT are in the MOUNTAINS

Many an animal, live there and roam  
Each kind of climate, has different habitats  
For many plants and animals, each to call their home.

### MANY A HABITAT are in the OCEAN

Many an animal, live there and swim  
Fish, plants and mammals live in the ocean  
Birds, rays, and reptiles... this is where we begin.

### MANY A HABITAT are in the VALLEYS

Many an animal live on the plains  
Each kind of climate, has different habitats  
Living life, and the cycle remains!

### MANY A HABITAT, in PONDS AND RIVERS

Many a habitat connect and they grow  
Each kind of climate, has different habitats  
Different plants and animals to know.



## WORK THROUGH THE SEASONS OF TIME

From sunrise to sunset, enjoy the land  
And work through the **SEASONS OF TIME!**

From sunrise to sunset, enjoy the land  
And work through the **SEASONS OF TIME!**

2. Prepare the fields
3. Plant the seeds
4. Irrigate the crops
5. Kill the nasty bugs
6. Milk the cows
7. Feed the cattle
8. Gather the eggs
9. Cut the hay
10. Harvest the crops
11. Transport your yield

## FOSSILS TELL A STORY

**FOSSILS** tell a story  
Fossils of long ago!  
Land and seas change, the Earth's rearranged  
They **TELL A STORY** scientists know.

Plants and animals, some die and disappear  
They may rot or dry up and blow away  
They layers pile high, the bones, they turn to stone  
Fossils aren't formed in just a day!

Some are made when mud piles high  
Some drop in a forest of peat  
The peat becomes coal, and just like the coal  
It's a fossil, that's **SWEET!**

Name one thing found in the coal  
There may be leaves, or shell or a dinosaur  
Sandstone, frozen ground, or in amber you'll find  
**A FOSSIL WAITING, NO MORE.**

## THE PLANETS

We live on a **PLANET**, it goes around the sun  
Eight planets go around the sun  
Can you name one!

**MERCURY, VENUS, EARTH AND THEN THERE'S  
MARS JUPITER, SATURN, URANUS, NEPTUNE**  
The Solar System and many stars!

Eight planets in the solar system  
We emphasize the **SUN...** use a telescope to see them  
**DON'T YOU WISH YOU HAD ONE?**

Planets look like **STARS**, they won't twinkle, they glow  
And then there's the **MOON**, the Earth's satellite  
It moves around the **EARTH**, you know.



## EXPANDING NUMBERS

When you expand, count how many numbers  
When you expand, count how many numbers  
When you expand, count how many numbers  
And put a plus in between.

2, 394... 4 numbers \_\_\_\_ + \_\_\_\_ + \_\_\_\_ + \_\_\_\_  
When you expand, put the number, plus the zeros  
When you expand, put the number, plus the zeros  
When you expand, put the number, plus the zeros  
And put a plus in between.  
2 \_\_\_\_ + 3 \_\_\_\_ + 9 \_\_\_\_ + 4

When you expand, count how many zeros  
When you expand, count how many zeros  
When you expand, count how many zeros  
And put a plus in between.  
2 (and 3 zeros) + 3 (and 2 zeros) + 9 (1 zero) + 4 (no zeros)

## PLACE VALUE

Ones, tens, and hundreds  
Ones, tens, and hundreds  
Ones, tens, and hundreds  
And the comma says... thousands!

Thousands, ten-thousands, hundred-thousands  
Thousands, ten-thousands, hundred-thousands  
Thousands, ten-thousands, hundred-thousands  
And the comma says... millions!

Millions, ten-millions, hundred millions  
Millions, ten-millions, hundred millions  
Millions, ten-millions, hundred millions  
And the comma says... billions!

## FREEDOM

Running through the night, hiding every day  
**FREEDOM'S** just a **DREAM**, till freedom comes our way

Running through the night, hiding every day  
Freedom's just a dream, till freedom comes our way

Freedom, freedom, freedom  
**FREEDOM'S JUST A DREAM AWAY.**

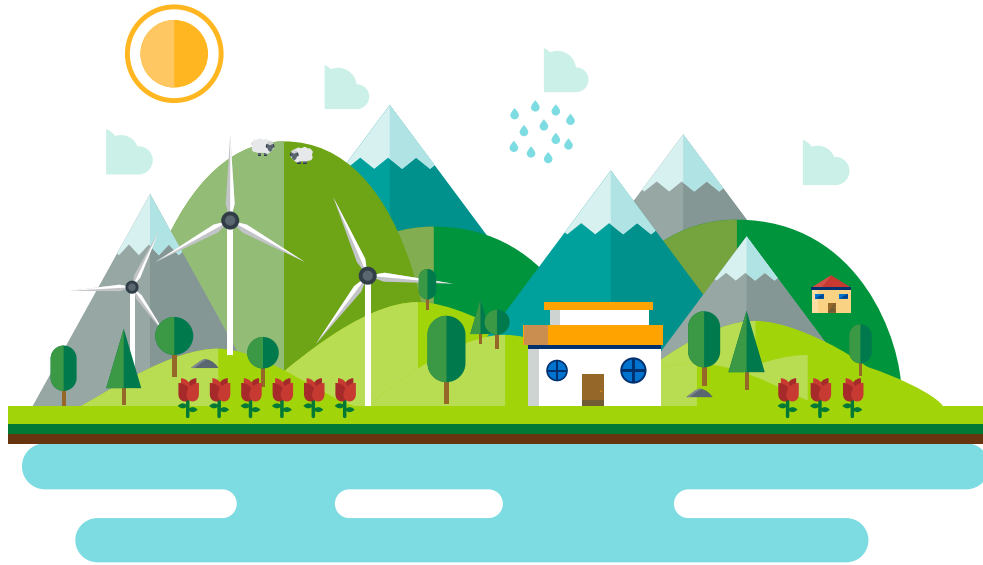
Years and years of slavery, they're bought and they're sold  
No respect for life, no dignity to hold.  
Some whipped, some killed, some married for life  
Families torn apart

Born a slave and died a slave, their life would never start.  
Lincoln was the president, the country's torn in two  
North or South, white or black, for freedom they stayed true  
The underground, the railroad,  
Helped slaves, the desperate road  
Look for signs, look for quilts, a safe house will be told.

**RUNNING, RUNNING, RUNNING,** through the night along the way







## RAINFORESTS

**RAINFORESTS**, steamy and wet;  
100 inches of rain you bet  
Down by the equator, rainforests will be  
Come along to the rainforest with me

There are four kinds, you will see  
Tropical, Seasonal, where's #3?

**CLOUD RAINFORESTS**, 3,000 ft. high  
The **MANGROVE FOREST** grows on the coast  
or right by

Transpiration, it causes the rain  
Four floors to visit each day  
Emergent trees grow three hundred feet tall  
Buttress roots above so they won't fall.

Eagles live here, parrots too

Macaws: scarlet, yellow, and blue  
Floor three then, the green canopy  
Epiphytes, so pretty, grow all over for me.

Roots hang everywhere, get moisture from air  
Monkeys, tree frogs, nuts, fruits, and bugs  
Some animals that live there never touch the rugs.

The leaves are slippery and wet, that's why fingers  
and toes do stick  
Two hundred kinds of hummingbirds, and  
pollination happens all over the world.

Pitcher plants and strangler figs, two plants, what a  
super gig  
The understory, floor two, little sun...Wild ocelots  
and spider monkeys have fun.

## 5 GREAT LAKES

5 Great Lakes, 5 Great Lakes  
5 Great Lakes in the U.S. A.  
5 Great Lakes, 5 Great Lakes  
5 Great Lakes in Canada.

**Huron, Ontario, Michigan,**  
and **Erie Superior... 5 GREAT LAKES**

**H-O-M-E-S... HOMES**

## THE GREAT BLUES

Sail across the ocean  
Sail across the sea  
Five salty oceans  
Just waiting for me!

Arctic, Indian  
Atlantic Ocean too!  
And the great blue Pacific  
**JUST WAITING FOR YOU!**

..and don't forget the **SOUTHERN!**



## WASTING WATER

Wasting water  
Wasting water  
Wasting water  
Puts our planet **AT RISK!**

Wasting water  
Wasting water  
Put **CONSERVE** at the top of your list!

Flush the toilet 5 gallons  
A drip, 27 a day  
Water for this  
Water for that

We will **RUN OUT OF WATER** this way!

## WHEN WE WASTE FOOD

When **WE WASTE** food...the impact is **BIGGER** than you think!

When **WE WASTE** food...things can happen **IN A BLINK!**

When **WE WASTE** food...it **AFFECTS** people everywhere

Hungry children, animals too, for **OUR FUTURE** we must care!

Every 10 seconds, 20 thousand pounds, of food is wasted you see

This **HURTS** our pockets, our planet too, and affects our **COMMUNITY!**

The U.S.A. is #1, of wasting food that's great!

For a leader like us

To make choices like that, it's a **CRISIS** for goodness sake!

Our water is wasted, oil too...transportation for all this food

When we throw out food, **WE DAMAGE** the **EARTH**

This puts us in a very bad mood!



## KINDNESS

Take a look around, yes, take a **LOOK** and **SEE**  
People in this world need their bucket filled indeed!  
Take a look around, and know that what you do  
Helps to fill their buckets, and it fills your bucket too!

**KINDNESS...**a little kindness...a little kindness  
Oh, it goes a long way!  
Oh yes, kindness...a little kindness... a little kindness  
Think 'bout what you say!

I can be the **DIFFERENCE** in the person's smile or  
frown  
**I CAN BE** the difference, never take somebody  
down!  
I can step right in, when someone's bucket's low  
With words that fill it up, and my **ACTIONS** help it  
grow...

With some kindness...a little kindness...a little  
kindness  
Oh, it goes a long way!  
Oh yes, kindness...a little kindness... a little kindness  
Think 'bout what you say!  
**KINDNESS**

## THE FRIDAY SONG

**HIP**, hip Hooray it's the end of the week  
Hip, **HIP** Hooray it's the end of the day  
Hip, hip **HOORAY** it's the end of the week  
Life is grand, cause it's **FRIDAY**.

**F-R-I...DAY FRIDAY, FRIDAY!**  
**F-R-I...DAY FRIDAY, FRIDAY!**  
**F-R-I...DAY FRIDAY, FRIDAY!**

Hip, hip Hooray for...**FRIDAY!**

## ENGINEERING DESIGN PROCESS

Design  
Research  
Brainstorm  
Choose...

The Design Process, you can't lose!

Build  
Test  
Communicate

Then...Redesign, oh, I can't wait!

## SIMPLE MACHINES

Simple machines  
Make work **FASTER** and **EASIER**  
Simple machines they rock!  
Simple machines  
Make work faster and easier  
Put them on your list at the top!

Lever, Wheel and Axle  
Pulley, Inclined Plane  
Screw, and Wedge  
Simple Machines!  
Put 2 or more together

and what's their name?  
**"COMPOUND MACHINES!"**

**LESSON PLAN INCORPORATING ACADEMIC SONGS INTO CURRICULUM CONTENT**
**K 1, 2, 3, 4, 5**

Date Range: November 3-14

**OBJECTIVES: SCIENCE & FOSSILS**

- ★ Students will define fossil
- ★ Students will be able to explain the job of a Paleontologist
- ★ Students will be able to list types of fossils
- ★ Students will participate in a Fossil Dig activity


**NGSS LEARNING TARGET**

Students will be able to analyze and interpret data from fossils to provide evidence of the organisms and the environments in which they lived long ago. Some kinds of plants and animals that once lived on Earth are no longer found anywhere

**SONG(S): FOSSILS TELL A STORY**
**CROSS-CURRICULUM**

- ★ Geography  
<http://bit.ly/2IVLNz5> (interactive maps)
- ★ Games  
<http://bit.ly/1Pydhgi>
- ★ Write A Letter to a Paleontologist  
<http://bit.ly/19UVZPM>

**CLAPPING, TAPPING, & MIDLINE CROSSING**

- ★ Hands cross to the rhythm/beat of the song "Fossils Tell A Story (Midline Crossing)
- ★ Instruments to keep beat

**TURN AND TEACH**

Teach Song, Read Story and have students "MIRROR" (repeat what you say using gestures) and then "Turn and Teach" your neighbor.

**WRITING**

Using the song and information from the story, students write an "informational text" essay.

**ASSIGNMENT**

Design a Fossil Poster on Venngage

**EXIT TICKETS**

Questions to assess understanding of learning target/objective on Paper or <https://bit.ly/1EGLbs> Google Forms

**MORE TECHNOLOGY**

- ★ Touchcast:  
Green Screen/Tell about your adventures as a paleontologist
- ★ Virtual Fieldtrip

**VIDEOS ON SONG SLIDE**


- ★ Edpuzzle (video and quiz)
- ★ Quizlet
- ★ Ripgrid
- ★ Seesaw (Read and record your reading)

**KEY VOCABULARY**

SeeQuizlet

**BOOKS TO SUPPORT**

- ★ Fossils Here on Earth
- ★ Fossils Tell of Long Ago
- ★ Curious About Fossils

INSTRUMENTS		NOTES	
★ Tambourine ★ Maracas		★ Make a KWL Chart as a Table in a Word Doc ★ Read Story: Fossils of Long Ago ★ Sing: Fossils Tell A Story	
LESSON PLAN INCORPORATING ACADEMIC SONGS INTO CURRICULUM CONTENT			
K 1, 2, 3, 4, 5		Date Range:	
OBJECTIVES: SCIENCE & FOSSILS			
SONG(S):			
CROSS-CURRICULUM	CLAPPING, TAPPING, & MIDLINE CROSSING	TURN AND TEACH	
WRITING	ASSIGNMENT	EXIT TICKETS	
MORE TECHNOLOGY		KEY VOCABULARY	BOOKS TO SUPPORT



INSTRUMENTS	NOTES

## — ADDING ACADEMIC SONGS TO YOUR REGULAR CLASSROOM —

You don't have to be knowledgeable in music to begin adding music to your classroom, but you do have to be willing to take risks. The great thing about adding music, students don't care how you sing, play, dance, or if you can even sing on tune.

## HOW TO GET STARTED

- 1 Start slow
- 2 Decide what subject area you want to start with and design your lesson to include an academic song
- 3 Decide if you're going to write your own song(just like writing a poem) or if you're going to use one ready to go (like Schoolhouse Rock or Princeton Vocabulary Minute)
- 4 Learn the song
- 5 Decide if you're going to use it as a "hook" or integrate it into your lessons
- 6 Teach the students the song with possibly a book to support the lesson
- 7 Pull out the facts and information that's important in the song
- 8 "Turn and Teach" with the key concepts
- 9 Decide when you can sing again to improve recall and retention

## — THINGS TO THINK ABOUT INCORPORATING ACADEMIC SONGS —

A. As you're lining up, on the way to lunch, walking back in the room (earworm is the science of a tune getting stuck In your ear... this is how my students learn the planets, the continents, the Great Lakes, countries in Central America, how to skip count, etc...)

- ★ Use a song for the music and discuss lyrics. Sunshine In My Pocket-discuss why it makes us happy and what the lyrics mean. You could also circle all the nouns and discuss why they're nouns.
- ★ Use graduation theme music when handing out certificates and teaching students how to receive their certificate and shake hands (remind them this is the song that signifies hard work and accomplishment) and hopefully they'll hear it a few more times in their honor
- ★ Use songs as an impetus for a PBile. The Titanic, Pompeii, Nightmare in the Water (oil spill song), Freedom, or The Dust Bowl Song to use as a "hook" to grab at their heart strings, as they yearn to want to know more
- ★ Have students write their own songs think about a topic that they want to write about and the many mini-messages they'd like to include in the song. i.e. We did a class PBL on "food waste" in the world. A group of students huddled around and we created the song together
- ★ Decide the purpose of the song
  - Transition them to the carpet
  - To recall procedure add fractions with different denominators
  - To name the countries in South America
  - To introduce, support, review a lesson you're teaching
- ★ Decide on the type of song (jingle, chant, ballad to tell a story length might be important as well when deciding on a short jingle or a long ballad
- ★ After lunch is often a time when everyone wants to take a nap, including the teacher... Start with a few songs to get those neurons firing and oxygen flowing to the brain It stays academic and meets everyone's needs this way
- ★ Consider beginning of the day/end of the day routines and how you can add academic songs. We sing the last 13 min, of the day to gather our school family together, review concepts, bond, and have fun. We leave on positive note with a song in our hearts,

### USE A "TRAVELING TROPHY" OURS READS "SING GROW LEARN"

- ★ On Friday, sing "The Friday Song" and rock'n roll not until the last minute of the day, as it cranks them up!
- ★ Sing a "Kindness Song" and plan activities for a SEL lesson
- ★ Consider using short songs as a 'transition song' to the carpet. Announce: 5 min. to the carpet, 2 minutes to the carpet then when it's "go time" sing
  - "Are you ready, are you ready, are you ready to learn?"
  - Students will respond "Learn, learn, learn, we are ready to learn!"
  - Count 5, 4, 3, 2, 1 and they should be at the carpet (idealistically)
- ★ Consider piggy backing when writing your own song using a familiar tune and add your own lyrics
  - i.e. Cruella DeVille tune with where to find books in the Dewey Decimal System (800s section)

Song: Cruella DeVille tune

Read "poems" and read "plays"  
Read poems and read plays  
The 800s have some unusual ways  
To be or not to be is such a thrill!  
Read poems and read plays, yes, I will!

When a student is struggling with behaviors, ignoring and changing up the routine might be a solution to help with the situation

- Sing a song for a possible cool down method  
Use the "Calming Song" first, then add another song once they're calm:

Song:

Calm my body, calm my brain (repeat 3 times)  
Take a breath!

(show students how to breathe and de-escalate, calm the body; return to the green zone)