

## Science is FUNdamental

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*Vestibular system must be activated to learn*

### **Music and movement:**

\*Gets both hemispheres of the brain in the learning process

\*Enhances retention.

### **The Jungle** (More Music with Mar./Bk + 4) different habitats; rain forest; animals

\*Use of sequenced dance steps aids in math skills

\*Beats in sets (patterns)

\*Can have children bring in animals from the jungle.

\*Ask them to move around like that animal.

\*At the end, tell them to freeze until you can guess what they are.

\*This gets them quiet at the end of a very, movement-oriented activity.

### Five Strands of Science:

Personal Social

Physical

Earth

Life

Inquiry

### **What Would I See?** (Start the Music / Sky Glove)

Questions - "If I stood on Earth and looked up high, what would I see in the sky?"

\*Gives 4 examples and children add description

### **The Sky** (Start Each Day / Sky Glove)

\*Basic answer to the question, "What's up in the Sky?"

### **Tell Me The Word** (Start Each Day / Sky Glove)

\*Using visuals

\*Tell them characteristics and they identify object

\*Song reinforces children's abilities

### **The Weather** (Start Each Day)

\*Encourages children to learn how to check weather

\*Describes characteristics of weather

\*Weather affects our activity

**Four Seasons** (Start Each Day or new Childcraft CDs)

Each year has four seasons and I can name them all  
Winter, Spring, Summer and Autumn; that's Fall.

**The Ocean** (Start Each Day) Ocean habitat; general info

Hear the roar of the ocean. Hear the waves smack the land.  
Smell the air near the ocean. Wiggle toes in the sand.  
The ocean is big water. It's sometimes called the sea.  
Fish and plants live in the ocean and some mammals like me!

**Can it! Save the Planet** (Start Each Day) Earth Day; Environmental Awareness

Have children join in on main line - "Can it! Save the planet" whenever it occurs  
Have a garbage can, recycling bin and they pretend to put things in it

**Habitat Scat** (Music Makes It Memorable)

\*Scatting is a style used in Jazz; Scatting plays with syllables and sounds  
^good for language; drills on rhyming  
^It's silly

Have pictures of Habitats up front

Have children put animal into its proper habitat

Can get Word Doc for signs by e-mailing me - mar@musicwithmar.com

**I'm A'Lookin'** (Bk + 4 / Music with Mar.)

\*Call and response teaches taking turns / listening / waiting  
\*Endangered Species

**Who's in the Barnyard?** (Mr. Froggy's Friends' ABCs / Barn Glove)

\*Use glove to bring animals out as children identify them  
\*Give sound of animal as clue; children feel successful

**Some Animals** (Childcraft)

\*Identifies different animal characteristics  
\*Children can add their own

**Mr. Froggy's Family** (Mr. Froggy's Family/Bk + 4)

\*Metamorphosis  
\*Family values; Role model for boys  
\*Children sing "Ribbit, ribbit. Croak, croak, croak"  
\*Move hands from side to side; up and down - cross-lateral movement  
\*During instrumental, have children sit like a frog.  
\*reinforce spatial awareness  
\*works on gross motor skills.

**Caterpillar** (More Music with Mar./Bk + 4) metamorphosis

Can have children bring in socks (remind parents to Wash Them First!)  
On one side, put wings and antennae; on the other legs. Have children pull sock off into reverse position to show the change from caterpillar to butterfly.

**Peanut Butter and Jelly** (Hear Me Sing; Watch Me Dance)

Peanut. Peanut butter (full voice ) And, jelly (whisper voices)  
First you take the peanuts and you crack 'em. Then you squash them. (Peanut etc)  
Then you find some grapes and you pick 'em. Then you smash them. (Peanut etc)  
Then you get some bread and you spread 'em. Then you bite it.  
(Sing again but as if mouth was full.)

- \*Allows children to play with voices
- \*Teaches where peanut butter and jelly come from
- \*Shows process of the making the sandwich
- \*Vocal chord exercise back and forth between whisper and sing

**The Blending Song** (Songs for a Great Day/Bk + 4)

1. Calypso dancing
2. Science/Art - blending of colors
  - a. can make color wheels or use overhead projector
  - b. can have cooking project - make instant pudding with food coloring
3. By putting colors together in first verse as "Red + Yellow = Orange" and in second verse "For orange, mix yellow + \_\_\_\_\_", wires brain for math (turnaround facts)

**Ladybugs** (Songs at My Fingertips) counting and bugs!

- \*Pretend to have two antennae and say "I'm buggin'!"
- \*Act silly. Tell children to "bust a move"
- \*Use of rap style

**Balls of Energy** (Songs at My Fingertips)

- \*We are all made of energy.
- \*Our brains are electrical. They run on water and oxygen.
- \*Teaches children control of body - how fast/slow; loud/soft
- \*Teaches sequencing and scaffolding

Energy, Energy. We're balls of energy. (loud and then soft)

**I Built a Snowman** (Songs at My Fingertips)

- \*Add a snowman each time song repeats
- \*At end, ask children to shine sun and snowmen melt (teaches solar power)

### Five Little Flowers (Songs at My Fingertips)

- \*First time through, have children stand and pretend to be flowers.
- \*Do what song says.
- \*Second time, half children flowers; half are rain;
- \*The flowers wilt; the rain falls on them and they stand tall again.
- \*Repeat and switch parts.

### Seed to Flower (Childcraft songs)

- \*Children sit on chair with legs up
- \*Follow words to song
  - \*legs go down for roots
  - \*stand up for stem
  - \*arms become leaves/head is flower

### It's Alive! / Non-living (Music Makes It Memorable)

Song helps to review the basic characteristics of living / non-living.

Living things breath; living things grow  
Living things reproduce; don't you know?  
If none of that happens, it's just a thing.  
It's not alive - it's non-living!

### Roy G Biv (Music Makes It Memorable)

- \*Acronyms have long been a great memorization tool.
- \*The name Roy G Biv is made from first letters of the colors in the rainbow.

### Sounds All Around (Childcraft)

- \*Four types of sounds
  - ~environment
  - ~nature
  - ~voice
  - ~music

### Find the One That I Don't Say (A Musical MARathon)

- \*Tune of "Little Peter Rabbit (piggyback song)
- \*Hears pattern and then must recognize which food is missing from pattern
- \*Speeds up to teach brain to process more quickly
- \*Children must add a food to the group

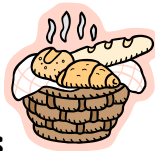
## **I Know a Smart Woman** (Hear Me Sing / Music Makes It Memorable)

Variation of The Lady Who Swallowed a Fly.

- \*Teaches food groups; Making good food choices.
- \*Pyramid up front. Put foods in.
- \*Use Smart Woman Doll.
- \*Can go into sorting / graphing

I know a smart woman, when her day began, she  
Ate cereal that had some bran - She's a healthy woman!  
Ate some fruit - like peaches, bananas or berries. They're cute.  
Ate some cheese. Aw jeez! She ate some cheese  
Drank some milk (or soy silk) but she drank milk  
Veggies she ate. The more on her plate, the more veggies she ate!  
Ate meat that was lean. And fish and chicken, for good protein.  
I know a smart woman who ate what was good. From each food group as she should.

Smart Woman doll available from Childcraft. Children feed woman.  
OR use a food pyramid and put food where it goes as it is sung.



## **Eat From All Your Food Groups** (More Music w/Mar./Bk + 4)

- \*This song teaches nutrition (science) and uses dance (math)
- \*Good song to supplement food group unit.
- \*Square dancing is a very useful tool in school.
  - \* teaches social skills; proper touch;
  - sequencing; and
  - is the national dance of our country.

Some teachers have had a Barn Dance day. Nutrition is a major point of this song, but it can also teach about barn dances and how people worked together (supplement with Laura Ingalls Wilder's book, chapter "Dance at Grandpa's House") Tie-in to introduce "Habitat for Humanity, doing community service.

*Banana Slugs have GREAT!!!! Science songs.  
Singing Science by Tickle Tune Typhoon*

## **Dance For the Food Groups** (A Musical MARathon)

- \*Review food groups
- \*Each group has its own dance
- \*Children hear all groups and then must remember from sound and do dance