Energizers
Classroom-based Physical Activities 3-5

The way teachers integrate physical activity with academic concepts

Energizers were developed by: In partnership with:

Activity
Promotion
Laboratory
School of Health
and Human
Performance

NCDPI
NC HEALTHY
SCHOOLS
beactive nc
beactivenc.org
**Acknowledgements**

The “Energizers” were developed by the

**EAST CAROLINA UNIVERSITY**

**Activity Promotion Laboratory**

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College of Health and Human Performance

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The goal of the Activity Promotion Laboratory is to promote active lifestyles. We are indebted to NC Healthy Schools, North Carolina Department of Public Instruction, and to Be Active North Carolina, Inc. for providing support for this project. In particular, we wish to thank Kymm Ballard at NCDPI for her non-stop support of the efforts to help teachers integrate physical activity into the school day.

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Energizers

Background

In order to address obesity in North Carolina, the NC State Board of Education passed a policy, "Healthy Active Children" (HSP-S-000) in January of 2003. This policy provides schools with guidance for local school districts to promote coordinated school health programs and emphasizes the physical education and physical activity components. The policy states that schools "shall provide appropriate amounts of physical activity" for children K-8. It further states, "the physical activity required by this section must involve physical exertion of at least a moderate intensity level and for a duration sufficient to provide a significant health benefit to students".

In order for this to happen in NC schools, the classroom teachers must take a small but important role to assure children are provided with physical activity. Michigan State Department of Education began a program called, "Brain Breaks" which provided classroom teachers with physical activities that are based on core academic concepts. In partnership with the Michigan Department of Education, NC created our own version of Brain Breaks with more emphasis on "physical exertion" to create the "Energizers". It is through the support of NC Healthy Schools and Be Active North Carolina, Inc. that East Carolina University was able to write, pilot, and develop the "Energizers" for classroom teachers everywhere, in order to incorporate them into their daily classes.

Directions

Teachers should align the Energizer activities with the curriculum content they will teach for the year. To gain a health benefit, we suggest using these "Energizers" two to three times per day, when possible. Most activities are easily adaptable for special needs students, rainy days and other areas of study, by changing the focus (i.e., California Dreamin’ could be altered with any other state that you may be studying with little change to the activity).
Availability:

The “Energizers” will be available on the following web sites free in pdf format for easy download:
NC Healthy Schools:  www.nchealthyschools.org
Be Active North Carolina, Inc: www.beactivenc.org
NC Physical Education for Me: www.ncpe4me.com

We are proud of the work from all of the partners which made this document a reality and especially appreciate the sharing between states in this collaborative. The following eight activities are modifications of Brain Breaks that are available on the Michigan Department of Education's web site [http://www.emc.cmich.edu/BrainBreaks/default.htm]: Frozen Vocabulary; Survivor (renamed as Rescue 9-1-1); Over, Under, Around, and Through; Morning Routine; Litter Box; Inches, Feet, and Yards, Oh My!; Air Writing; Moving Monkeys (renamed as It’s a Zoo in Here). You will also find other Brain Breaks at this web site.
What teachers say about Energizers

“The students enjoyed the **Energizers** because they got a chance to “have fun” while learning different academic concepts (health, spelling, geography). They did admit that all the movement tired them out.”

The **Energizers** are easy to use and easily done in the classroom.”

“*Over, Under, Around, and Through* is my favorite. Children generated ideas for each directional word and we integrated descriptive words.”

“Students loved *The 12 Days of Fitness.*”

“*Stop and Scribble* is a great way to review spelling words! The kids loved it!!”

“*Hit the Deck* was easy for a substitute teacher to follow without additional directions.”

“*Hand, Hand, Fingers, Thumb* was a good book choice for listening and following directions.”

“*Memory Lane* was voted the best activity by my students.”
What teachers say about Energizers

“Students love California Dreamin’.”

“I’d like a copy of all of the Energizers because I can easily modify them for my grade level.”

“California Dreamin’ seemed to be the overall favorite.”

“Travel the Tarheel State was my personal favorite since it ties to the fourth grade curriculum.”

“My children loved Space Jam.”

“Stop, Drop, and Roll is a great activity for Fire Safety Week in October.”

“The kids liked Factor It In and occasionally supplied me with numbers.”

“Shop ‘til You Drop is a great health activity.”

“Shop ‘til You Drop became one of my favorites by the second time we used it.”
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In partnership with:
Energizers for Grades 3-5

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Activity Promotion Laboratory
School of Health and Human Performance

In partnership with:

NCDPI
NC Healthy Schools
beactive nc.org
Name of Activity: California Dreamin’
Grade Level: 3-5
Formation: Standing at desks
Equipment: None

Rules/Directions:
1. Teacher leads the class on a virtual tour of California. Students move according to the actions listed below.
   - March across the Golden Gate Bridge
   - Surf in the Pacific Ocean
   - Climb up a Redwood Tree
   - Pretend you are an actor and wave to all your fans
   - Flex your muscles like Arnold Schwarzenegger, the governor
   - Stomp the grapes
   - Pick oranges
   - In line skate on the boardwalk
   - Ski on the Sierra Nevadas
   - Climb Mount Whitney, the highest peak in the continental US
   - Crawl through the Death Valley Desert
   - Hit a homerun at Pac-Bell Park
   - Shoot a foul shot at the Staples Center
2. Teacher may use same concept with any state.

Suggestion:
1. Teacher can use a wall map to point out specific landmarks or areas.
Name of Activity: Pass it On – UNO style
Grade Level: 1-3
Formation: Form a circle around perimeter of the room
Equipment: UNO cards

Rules/Directions:
1. Teacher hands out one card to each student.
2. Students identify color on card and perform activity that corresponds to that color for 10 - 15 seconds:
   - Blue: jump to the sky
   - Red: squats
   - Yellow: twist
   - Green: swim
3. When teacher says, “Pass it On”, students will pass their card to the person on their right and complete the activity that corresponds to their new cards.

Variations:
1. Teach colors in Spanish.
2. For younger children, squat and slide card on floor to the right rather than handing the card to the next person.
**Name of Activity:** Factor It In

**Grade Level:** 4-5

**Formation:** Students are divided into 4 groups and each group is sent to a corner of the room.

**Equipment:** 4 pieces of scrap paper labeled 2, 3, 4, and 5

**Rules/Directions:**
1. Teacher labels each corner of the room with one of the pieces of scrap paper.
2. Teacher calls out a number that is a multiple of 2, 3, 4, or 5.
3. Students who are in a corner that is a factor of that number will move to another corner.
4. Movements include:
   - Jumping
   - Skipping
   - Walking
   - Hopping on one foot
   - Marching
5. Example – If teacher calls out 6, students in corners labeled 2 and 3 will move to another corner.

**Variation:**
1. Have students move to a corner labeled with a factor of the number called. If a prime number is called, have students move to center of room.
Name of Activity:  Wiggles
Grade Level:    K-5
Formation:     Standing at desks
Equipment:     None

Rules/Directions:
1. Jog in place while doing the following activities.
2. On teacher's signal, the students begin to wiggle their fingers.
3. Then their fingers and wrists.
4. Then their fingers, wrists, and forearms.
5. Then their fingers, wrists, forearms, and elbows.
6. Then their fingers, wrists, forearms, elbows, and shoulders.
7. Then their fingers, wrists, forearms, elbows, shoulders, and rib cage.
8. Then their fingers, wrists, forearms, elbows, shoulders, rib cage, and hips.
9. Then their fingers, wrists, forearms, elbows, shoulders, rib cage, hips, and knees.
10. Then their fingers, wrists, forearms, elbows, shoulders, rib cage, hips, knees and head.

Variations:
1. Start from toes and work your way up (toes, knees, hips, etc.).
2. Repeat activity without jogging as cool down.
**Name of Activity:** Frozen Vocabulary  
**Grade Level:** 2-5  
**Formation:** Standing at desks  
**Equipment:** None

**Rules/Directions:**
1. Begin by having students do an activity standing at their desks:
   - Jumping
   - Twisting
   - Jogging
   - Jumping jacks
   - Hopping
   - Knee lifts
   - Play air guitar
2. Students continue activity until teacher calls out a vocabulary word at which point the students freeze.
3. Teacher calls on volunteer to use the vocabulary word properly in a sentence.
4. Resume activity or begin a new activity when a student uses the vocabulary word properly in a sentence.

**Variations:**
1. Students can define vocabulary word.
2. Students can spell the word.
3. Students can name a synonym or antonym.
4. For math, students can give the sum, difference, or quotient of 2 numbers.
**Name of Activity:** Heart Smart

**Grade Level:** 2-5

**Formation:** Standing at desks

**Equipment:** None

**Rules/Directions:**

1. Teacher will discuss the heart:
   - Where it is located? Left side of the chest.
   - What size is it? Size of a fist.
   - Function? Deliver blood to the body.
   - What strengthens the heart? Jumping, swimming, jogging. (Students will act out each activity)
   - What weakens the heart? Inactivity, smoking, unhealthy diet.

2. Teacher calls out a habit that strengthens or weakens the heart.

3. If the habit strengthens the heart, students will respond by jumping.

4. If the habit weakens the heart, students will respond by falling down or squatting.
   - Riding a bike – jump
   - Eating 4 pepperoni pizzas – fall
   - Walking your dog – jump
   - Smoking cigarettes – fall
   - Never going outside to play and watching TV all the time – fall
   - Dancing with your friends – jump
   - Skating – jump
   - Never eating fruits/vegetables – fall
   - Riding a scooter – jump
   - Shooting baskets – jump
   - Playing PlayStation – fall
   - Eating fast food – fall
   - Raking the leaves – jump
   - Washing the car – jump
   - Taking the stairs – jump
   - Taking the elevator – fall
   - Swimming – jump
   - Eating potato chips and Twinkies – fall

**Suggestion:**

1. Have students think of their own habits.

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**Energizers were developed by:**

[Activity Promotion Laboratory at East Carolina University](http://www.ecu.edu/)

**In partnership with:**

[NC DPI](http://www.ncdpi.net/)

[NC Healthy Schools](http://www.nchealthy.schools.gov/)

[beactive](http://www.beactivenc.org/)
Name of Activity: Memory Lane
Grade Level: 3-5
Formation: Standing at desks with partners
Equipment: None

Rules/Directions:
1. Teacher calls out one task at a time and partners complete that task.
2. Tasks should be called out in the order provided.
   - High five right
   - High five left
   - Low five right
   - Low five left
   - High ten
   - Low ten
   - Backwards ten high
   - Backwards ten low
   - Tunnel ten (feet apart, back to back, reach between legs and hit low ten)
   - Sole of shoes right
   - Sole of shoes left
   - Elbow right
   - Elbow left
   - Both elbows
3. Partners repeat the tasks beginning with the first task each time.
4. Have students repeat sequence as fast as they can with accuracy.
**Name of Activity:**  Space Jam  
**Grade Level:**  K-3  
**Formation:**  Standing at desks  
**Equipment:**  None

**Rules/Directions:**

1. Teacher reads story to class and class identifies each verb or “action” word.
2. Teacher pauses during reading while class acts out each verb in place for 15 - 20 seconds.
3. Continue until end of story:
   - Hello, my name is Zippy and I live on a space station. Today, I will lead you on a tour through space. First, we need to put on our moon boots. They will allow us to walk through space. The first stop will be Mercury, the closest planet to the sun. Mercury is very hot ... so, OUCH, be careful and step quickly so your feet do not get burned. Mercury also has many craters. On the count of 3, let’s jump into a crater and see what we find. 1 - 2 - 3, JUMP! Climb out of the crater so we can march to Venus. Venus is the second planet from the sun. This planet has very strong winds and volcanoes. See if you can walk through the wind without blowing over. A lot of the surface of Venus is covered with lava, and here comes some ... RUN! The next stop is Earth, the third planet from the sun. Seventy-one percent of the Earth’s surface is water, so hop in and start swimming. See if you can do the front crawl and the backstroke. Our next stop will be Mars. Mars is known as the red planet. The largest mountain in space, Olympic Mons, is located on Mars. See if you can climb to the top! Jupiter is the fifth planet from the sun. It is made up of mostly gas and you can see clouds when you look at this planet. Find a cloud and see if you can float on it. Our next stop is Saturn, the sixth planet from the sun. It has a rocky core and there are areas of ice throughout the planet. There are also rings of gases around Saturn. WHOA, there is a huge piece of ice, be careful and slide across it. Hop on one of the rings surrounding Saturn and spin around in circles. Uranus is our next stop. It has a small rocky core. Can everyone tiptoe across Uranus watching out for the ice? Next, let’s visit Neptune. Neptune has four rings and large storms with fast winds. It also has 13 moons. Quick, duck! Here comes a moon, move to the left so you do not get hit. Pluto is our next stop. It is the smallest planet and is furthest from the sun. It is a cold planet because it is furthest from the sun. Shiver and rub your hands together to stay warm. This ends our tour of space. Grab a partner and hop back to the space station.
**Name of Activity:** Stop and Scribble  
**Grade Level:** 2-5  
**Formation:** Standing at desks with partners  
**Equipment:** Piece of paper and pencil for every 2 students

**Rules/Directions:**
1. Teacher calls out physical activity:
   - Jumping  
   - Twisting  
   - Jogging  
   - Jumping jacks  
   - Hopping  
   - Knee lifts  
   - Playing air guitar  
   - Marching  
2. Students begin activity and continue until the teacher calls out a spelling word.  
3. Students freeze and partners work together to try to spell the word correctly on a piece of paper.  
4. After 10 to 15 seconds, teacher calls out new activity.  
5. Continue until all spelling words are used.  
5. As students cool down, teacher will write correct spelling on board and students will check their work.  

**Suggestion:**
1. Use this activity to review spelling words - it's great.
Name of Activity: Rescue 9 - 1 - 1
Grade Level: K-3
Formation: Standing at desks
Equipment: None

Rules/Directions:
1. Review with the students how to make a 911 call.
2. Have students use their bodies to make shapes of 9 - 1 - 1 while chanting 911!
3. Review fire safety: what are the things we all need to know in order to survive a fire?
   - Practice crawling under the smoke
   - Practice “stop, drop and roll” (using space available)
4. Review storm safety procedures:
   - Practice moving away from windows
   - Practice covering their heads
Name of Activity: The 12 Days of Fitness
Grade Level: 3-5
Formation: Standing at desks
Equipment: Use the holiday tune, “The 12 Days of Christmas”

Rules/Directions:
1. Students will act out the following fitness song.
2. “On the first day of fitness, my trainer gave to me”
   - 12 jumping jacks
   - 11 raise the roofs
   - 10 knee lifts
   - 9 side stretches
   - 8 jogs in place
   - 7 jabs/punches
   - 6 kicks to the front
   - 5 hula hoops
   - 4 jumping ropes (imaginary rope)
   - 3 muscle poses
   - 2 scissors (feet apart then cross in front, feet apart then cross in back)
   - 1 stork stand (balance on one foot)

Suggestion:
1. Write the activities on the board or poster board to make them easier for children to follow and to sing along.
2. Fitness activities can be sung straight through as written for a shorter activity or repeated as in the original song.
Name of Activity: Litterbox
Grade Level: 1-5
Formation: Partners
Equipment: Paper

Rules/Directions:
1. Have partners ball up a piece of paper and place it on the floor.
2. Ask the partners to pick up the paper using the body parts called out by the teacher:
   - Elbow and elbow
   - Foot and foot
   - Knee and knee
   - Forearm and elbow
   - Foot and elbow
   - Knee and elbow
   - Forehead and back of hand
   - Toe and finger
3. Students can place the paper ball back on their desks, or move it to other parts of the room.

Variations:
1. Each student can have his or her own paper ball and play individually.
2. Could be done as a team relay activity, where students hop around their desks with the paper ball between the body parts and pass the paper ball to the next teammate. The last person hops to the trashcan and puts the paper ball in the trashcan.
Name of Activity: **Silent Signs**  
Grade Level: 4-5  
Formation: Standing at desks  
Equipment: Map

**Rules/Directions:**
1. Teacher chooses 1 student to go to the map.
2. Teacher chooses location (state or country) and tells everyone in the class except the student at the map (can write location on board or piece of paper).
3. Class uses movement without talking to guide the student to the correct location.
   - East: knee lifts
   - West: jumping jacks
   - North: raise the roof
   - South: squats
4. Repeat with new location and new student.

**Suggestion:**
1. Post the direction that corresponds to each movement on the board.
Name of Activity: Shop ‘til you Drop
Grade Level: 3-5
Formation: Partners
Equipment: Scrap piece of paper for every 2 students, 6 pieces of paper with the following information (* indicates healthy options and is for teacher use only, do not put * on paper posted around the room):

- Fats/oils/sweets - twinkies, pop tarts, butter, candy bars, chips, cookies, brownies, cake, salad dressing, soda.

Rules/Directions:
1. Teacher labels 6 areas of the room with each food group listed above, including the food choices.
2. Students must pick 1 item at a time and move to the next food group, planning a healthy breakfast, lunch and dinner.
3. Partners circulate and plan a healthy breakfast, lunch and dinner from the options listed.
4. Partners write down their menu for each meal.
5. After sufficient time, have partners return to desks and discuss meals as a class.
7. Make sure students move quickly from one area to another.

Suggestion:
1. Have students travel from one area to the next using different movements (march, gallop, jump, skip, hop, etc.).
2. Have children choose the most unhealthy meal they can.
Name of Activity: **Spelling Tag**  
Grade Level: 3-5  
Formation: 2 groups  
Equipment: 2 different colors of paper, tape

**Rules/Directions:**

1. Teacher hands out a piece of paper to each student, with half getting one color and the other half getting another.
2. Students write spelling list on the piece of paper, while teacher writes an activity on the board:
   - Jumping jacks
   - Marching
   - Knee lifts
   - Scissors (feet apart then cross in front, feet apart then cross in back)
   - Hopping
   - Twisting
3. Students will help each other tape spelling lists to backs of shirts.
4. Students divide into 2 groups based on color of paper.
5. On signal, students will circulate and select a partner with another color.
6. When selected, the student will pick a word from the spelling list and request that the other student spell that word.
7. While spelling, the student will perform the activity written on the board.
8. Partner checks the back of the other student’s shirt to make sure the word was spelled correctly.
9. Teacher can change activity on the board as desired.

**Suggestions:**

1. Reduce spelling list to limit time of activity.
2. Students can write vocabulary list and definition instead of spelling words.
Name of Activity: **Morning Routine**
Grade Level: K-5
Formation: Standing at desks
Equipment: None

**Rules/Directions:**

1. Have students begin the day with a series of simple activities lasting 30 seconds or more:
   - Jumping jacks
   - Knee lifts
   - Flap arms like a bird
   - Hopping
   - Scissors (feet apart then cross in front, feet apart then cross in back)

2. Follow each activity with a basic stretching movement:
   - Reach for the sky
   - Runner’s stretch
   - Butterfly stretch (sit with bottom of feet together)
   - Knee to chest
   - Rotate ankles
   - Scratch your back


4. Repeat a different simple activity followed by a new basic stretch as many times as desired.
Name of Activity: Inches, Feet and Yards, Oh My!
Grade Level: 1-4
Formation: Students line up around the perimeter of the room or stand at desks.
Equipment: None

Rules/Directions:
1. Have students start with feet side by side and move one set of toes ahead of the other set of toes to represent inches or “small”.
2. Have students place one foot in front of the other to represent feet or “medium”.
3. Have students take one giant step forward or backward to represent yards or “large”.
4. Call out different measurements:
   - Example – Move forward 2 feet, back 5 inches, sideways 1 yard.
5. Have all students move in the same direction.

Variations:
1. Add directions (right, left, forward, back).
2. Use the metric system.

Energizers were developed by:
In partnership with:
Name of Activity: **Leaf Line**

Grade Level: 2-5

Formation: Standing at desks

Equipment: Leaves brought from home (1 leaf per child)

**Rules/Directions:**

1. Students walk to the front of class and get in order based on the size of the leaves they brought from home (without talking, get in order from smallest to largest).

2. Allow younger classes to talk for modification.

3. Have students move to groups based on leaf color, shape, and texture.

4. Have students try to identify type of tree the leaf came from and discuss that type of tree in class.

5. Students can act out the following:
   - Tree swaying in the wind
   - Tree during a thunderstorm/hurricane
   - Tree weighted down with snow

**Suggestion:**

1. Teacher should have several extra leaves available.
Name of Activity: **Map it Out**
Grade Level: 3-5
Formation: Form a circle around perimeter of the room
Equipment: US or NC state map, 4 objects (eraser, bean bags, crumbled piece of paper), music

**Rules/Directions:**
1. Teacher gives 4 students an object.
2. When music begins, students begin to march around the room and pass objects around the circle like hot potato.
3. When music stops, students stop passing the object.
4. Teacher will use a specific rule for which students go to the map to find a specific landmark as designated by the teacher.
   Sample rules for choosing students to go to the map:
   ➢ Two people to the left
   ➢ Four people to the right
   ➢ Person who sits in front of you
   ➢ Person who sits beside you
   ➢ Person across the circle from you
5. Activity continues until teacher calls STOP.

**Suggestions:**
1. While students are at board, rest of class continues movement of marching, jumping, lunging, etc.
2. Other subject areas can be integrated (e.g., when music stops students go to board to spell a word, or work a math problem).
3. Use a different rule each time to prevent students from holding onto the hot potatoes.
Name of Activity: **Hit the Deck**

**Grade Level:** 2-5  
**Formation:** Standing at desks  
**Equipment:** 1 deck of cards

**Rules/Directions:**
1. Teacher places deck of cards in front of the class.
2. Have one student select a card and students will do the corresponding activity for each suit.
3. Would be helpful to write corresponding activities on the board for each suit:
   - Heart: touch elbow to knee or crunches for 20 seconds
   - Diamond: jog in place or march in place for 20 seconds
   - Club: modified push up or cabbage patch for 20 seconds
   - Spade: jumping jacks or scissors (feet apart then cross in front, feet apart then cross in back) for 20 seconds
4. Provide other students opportunity to pick a card from the deck and repeat activity.

**Suggestions:**
1. Place activities on chart paper so that activity can be done outside.
2. Choose 3 or 4 cards of each suit instead of using entire deck to save time.
3. This activity is easy for a substitute teacher to follow.
Name of Activity: Sports Galore
Grade Level: 2-5
Formation: Standing at desks
Equipment: None

Rules/Directions:
1. Teacher calls out the following sports skills to mimic:
   - Shooting a jump shot
   - Running through tires
   - Batting a baseball
   - Serving a tennis ball
   - Downhill skiing
   - Spiking a volleyball
   - Swinging a golf club
   - Throwing a football
   - Juggling a soccer ball
   - Shooting an arrow
   - Shooting a hockey puck
   - Swimming underwater
   - Fielding a ground ball and throwing it to first base
   - Dunking a basketball
2. Teacher can also integrate skills into word problems and have students repeat the number he or she calls out:
   - If Juan made 5 jump shots and 2 went in the basket, how many did he miss? (3)
   - If Briana hit 2 homeruns, how many bases would she have to touch? (8 bases)

Suggestion:
1. Do each sport skill for 30 seconds.
Name of Activity: What's for Dinner?
Grade Level: 3-5
Formation: Sitting at desks
Equipment: 1 paper plate per student, crayons and markers

Rules/Directions:
1. Teacher passes out 1 plate per student.
2. Students will draw a nutritious or typical meal on their plates.
3. Students will then choose a partner and stand up at their desks.
4. One partner will hold both plates.
5. On teacher signal, all students with plates will create their own aerobic movement at their desks using both plates.
6. Teacher will identify a student performing an appropriate aerobic movement and have the entire class follow the activity.
   - Jogging in place
   - Waving plates up and down in front of body
   - Swimming underwater using plates for fins
   - Jumping jacks while holding plates
7. Continue activity for 10 seconds and switch by giving plates to other partner, and repeat as many times as desired.
8. Have students return to desks with their own plates and discuss a nutrition concept such as healthy food choices and portion sizes. Have students identify the healthy foods they drew on their plates.

Suggestion:
1. Continue discussion as part of a nutrition lesson.
Name of Activity: **As If**
Grade Level: K-3
Formation: Standing at desks
Equipment: None

**Rules/Directions:**
1. Teacher reads sentence to class:
   - Jog in place *as if* a big scary bear is chasing you
   - Walk forward *as if* you’re walking through chocolate pudding
   - Jump in place *as if* you are popcorn popping
   - Reach up *as if* grabbing balloons out of the air
   - March in place and play the drums *as if* you are in a marching band
   - Paint *as if* the paint brush is attached to your head
   - Swim *as if* you are in a giant pool of Jell-O
   - Move your feet on the floor *as if* you are ice skating
   - Shake your body *as if* you are a wet dog
2. Students act out each sentence for 20 - 30 seconds.
3. Students may create their own sentences for additional activities.

**Suggestion:**
1. Use a tree map for children to generate additional action words.
Name of Activity: Jump Start Your Heart
Grade Level: 4-5
Formation: Students are divided into 6 groups and each group is sent
to a part of the room that is labeled as described below
Equipment: 6 pieces of paper labeled: right atrium (jogging in place),
right ventricle (shadow boxing), left atrium (pretend to
jump rope), left ventricle (twisting), lungs (cross-country
skiing [jumping jack with feet going forward and back
rather than side to side]), and body (pretend to chop wood)

Rules/Directions:
1. Teacher will discuss the heart:
   - What does it do? The heart acts as a pump for the body. The blood travels
     from the right atrium to the right ventricle, from the right ventricle it
     travels to the lungs and back to the left atrium. It then travels to the left
     ventricle and from there it goes to the rest of the body and back to the
     right atrium. This process repeats itself over and over.

2. Teacher labels 6 parts of the room with following activities: (a) right
   atrium (jogging in place), (b) right ventricle (shadow boxing), (c) left atrium
   (pretend to jump rope), (d) left ventricle (twisting), (e) lungs (cross-country
   skiing), and (f) body (pretend to chop wood)
   Right Atrium → Right Ventricle → Lungs → Left Atrium → Left Ventricle → Body

3. Teacher sends groups of children to each part of the room that is
   labeled.

4. Teacher calls out "start your heart" and students begin movement that
   corresponds to their location.

5. When teachers say "blood flow" students stop and move to the
   appropriate location for correct blood flow.

6. Students will move to the location where the blood travels next.

7. Teacher again calls out "start your heart" after students have moved to
   new location.

8. Continue until students have gone to each location.

Variations:
1. Teacher has students demonstrate other exercises that will strengthen
   the heart: jumping, swimming, jogging.

2. Teacher can post location signs in random order.

Energizers were developed by: In partnership with:
Activity Promotion Laboratory NCDPI
School of Health and Human Performance NC HEALTHY SCHOOLS
beactive NCC beactivenc.org
Name of Activity: Travel the Tarheel State
Grade Level: 3-5
Formation: Standing at desks
Equipment: None

Rules/Directions:
1. Teacher leads the class on a virtual tour of North Carolina. Students move according to the actions listed below.
   - Hike the Appalachian Trail
   - Climb to the top of Mount Mitchell
   - Whitewater raft on the Nantahala River
   - Fish at the Outerbanks
   - Shoot a basket in the Dean Dome
   - Go swimming in the Atlantic Ocean
   - Fly a kite at Kitty Hawk
   - March like a soldier from Fort Bragg
   - Drive a racecar around the Rockingham Raceway
   - Do a touchdown dance like the Carolina Panthers
   - Climb to the top of Cape Hatteras Lighthouse
   - Act like a monkey or elephant at the NC Zoo

Suggestions:
1. Order the tour from east to west or west to east to finish tour at your location.
2. Use a state map to point out landmarks.
Name of Activity: Stop, Drop, and Roll
Grade Level: K-3
Formation: Standing at desks
Equipment: None

Rules/Directions:
1. On teacher signal, the students begin to move around the room.
2. When someone yells “FIRE”, the students stop, drop, and roll.
3. Yell “Fires out!” and begin again.
4. Continue for 3 - 4 minutes.
5. Next, teacher calls out, “When the heats up high.” Students respond, “You get down low,” and squat down to the ground to avoid smoke (students can also crawl toward imaginary exit).
6. Students immediately stand back up and teacher begins again.