

PRIMARY PHYSICAL EDUCATION

SYLLABUS

CLASS 1

MINISTRY OF EDUCATION AND HUMAN RESOURCE DEVELOPMENT

BARBADOS

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RATIONALE

Movement and play are critical to all aspects of a child's growth and development. Today however, instead of playing outside during free time, many children watch television and play computer games. At the same time, the society is undergoing rapid technological advances with a resultant increase in sedentary work and a reduction in the need for manual labour. In addition, adults have little time for physical activity in their pursuit for career success. The society now comprises persons who are less physically fit than their counterparts a few years ago.

The physical education programme seeks to prepare students for this technological age by providing them with opportunities to attain the skills and knowledge needed to be physically active. It encourages participation in regular and enjoyable physical activity so that students may learn to value its effect on lifelong health and well-being.

Daily vigorous physical activity must become part of each child's routine and way of life. This programme includes vigorous physical activity for all students throughout the school year and will help them become fit, independent learners; to develop interpersonal skills by interacting with others; and to relate fitness activities to healthy, productive lives. Students will eventually become involved in assessing their own fitness levels, setting personal goals, and developing plans to achieve them.

Health related fitness must be an important issue in Physical Education. Serious threats to health, such as obesity and heart disease, are known to have their origins in early childhood. Children need to be aware that inactivity and poor dietary habits contribute to diseases like these and therefore be motivated to commit to daily physical activity and positive health behaviours. This programme aims to produce a healthier individual and ultimately, a healthier population.

In addition to developing physical competence, the physical education programme will develop in children the ability to plan, evaluate, make decisions, and take creative action. They are provided with an opportunity to discover and develop their aptitudes and abilities in enjoyable activities. These activities will be developmentally appropriate and will take place in an environment which will be largely non-competitive. Therefore, the emphasis will be placed on participation in and enjoyment of physical activities designed towards better health and basic skill acquisition rather than on preparation for competition in sports.

In conjunction with other subject areas, this programme will enable students to develop life-management skills, identify social realities, interact positively, and work independently and collaboratively.

GENERAL OBJECTIVES

The Physical Education programme will emphasise the cognitive, affective and psychomotor development of the student through health related fitness activities.

This syllabus aims to:

1. Encourage students to maintain healthy lifestyles throughout life;
2. Help students attain appropriate levels of physical fitness;
3. Provide experiences and information for all students to develop a positive, active and healthy lifestyle;
4. Provide a wide range of knowledge and movement experiences so each student may develop competencies that are both adaptable and versatile;
5. Help students develop decision making skills;
6. Provide the opportunity to experience the learning process of inquiry and exploration;
7. Create a learning atmosphere which provides opportunity for ALL children to analyze, think, observe, discuss, create, cooperate and share;
8. Provide students with an opportunity to experience success and so develop a positive self-image and self-concept;
9. Encourage expression and communication;
10. Promote self-understanding and acceptance;
11. Emphasize safety practices.

This Physical Education programme aims to produce students who are physically educated – with the knowledge, skills and attitudes necessary to incorporate physical activity into regular routines, leisure pursuits and career requirements throughout life.

The physically educated child will

- be equipped with the skills necessary to perform a variety of physical activities;
- be physically fit;
- participate regularly in physical activity;
- know the implications of and benefits from involvement in physical activities;
- value physical activity and its contribution to a healthy lifestyle.*

* Source: From *The Physically Educated Person*, National Association for Sport and Physical Education, 1992, Reston, VA: NASPE.

FORMAT OF SYLLABUS

The Physical Education Curriculum comprises a Scope and Sequence, Attainment Targets and a Syllabus Outline.

The *Scope and Sequence* outlines the areas to be covered in the programme. A ■ indicates when a topic/skill is first introduced while a ✓ indicates the year/s at which topics/skills are developed. The emphasis to be placed on a topic/skill is also shown.

The *Attainment Targets* set out the knowledge, skills and understanding that students of different abilities, needs and interests are expected to develop at the end of each year. They are designed to ensure that students:

- understand the progressive nature of learning in Physical Education;
- develop the necessary requirements to plan, structure performance, participate, perform, appreciate and evaluate physical activity.

The *Suggested Activities* and *Suggested Resources*, as the names imply, are meant only to be guides to teachers who are expected to use their initiative and knowledge of activities to provide a stimulating atmosphere and make the Physical Education lesson an enjoyable experience for each child.

The methods of *Assessment* are varied to include both written and practical work but with an obvious emphasis on the latter. Students will be encouraged to engage in self-assessment throughout the programme.

SCOPE AND SEQUENCE

		CLASS 1	CLASS 2	CLASS 3	CLASS 4
1.0	HEALTHY LIVING				
1.0.1	Physical activity	■ ₃	✓	✓	✓
1.0.2	Healthy eating	■ ₃	✓	✓	✓
1.0.3	Hygiene	■ ₃	✓	✓	✓
1.0.4	Substance abuse	■ ₂	✓ ₂	✓ ₃	✓
1.0.5	Chronic diseases	■ ₁	✓ ₂	✓ ₂	✓ ₃
2.0	SAFETY				
2.0.1	Procedures	■ ₃	✓	✓	✓
2.0.2	Hydration and rehydration	■ ₃	✓	✓	✓
2.0.3	Equipment, facilities, attire	■ ₃	✓	✓	✓
2.0.4	Injury prevention	■ ₂	✓ ₂	✓ ₃	✓
2.0.5	Management of body fluids	■ ₂	✓ ₂	✓ ₂	✓ ₃
3.0	MOVEMENT SKILLS				
3.0.1	Body awareness	■ ₃	✓ ₃	✓ ₂	✓ ₁
3.0.2	Relocation/locomotion skills	■ ₃	✓	✓	✓
3.0.3	Spatial orientation	■ ₃	✓	✓	✓
3.0.4	Relationships	■ ₃	✓	✓	✓

KEY

- 1** *low emphasis*
- 2** *medium emphasis*
- 3** *high emphasis*

		CLASS 1	CLASS 2	CLASS 3	CLASS 4
4.0	PHYSIOLOGICAL EFFICIENCY				
4.0.1	Cardio-respiratory fitness	■ ₃	✓	✓	✓
4.0.2	Coordination	■ ₃	✓	✓	✓
4.0.3	Balance	■ ₃	✓	✓	✓
4.0.4	Flexibility	■ ₃	✓	✓	✓
4.0.5	Muscular strength	■ ₁	✓ ₁	✓ ₂	✓ ₂
4.0.6	Muscular endurance	■ ₁	✓ ₁	✓ ₂	✓ ₂
4.0.7	Agility	■ ₁	✓ ₁	✓ ₂	✓ ₂
4.0.8	Posture	■ ₂	✓ ₂	✓ ₂	✓ ₃
4.0.9	Body composition	■ ₁	✓ ₁	✓ ₁	✓ ₁
5.0	OBJECT MANIPULATION				
5.0.1	Weight bearing	■ ₃	✓	✓	✓
5.0.2	Object projection	■ ₃	✓	✓	✓
5.0.3	Object reception	■ ₃	✓	✓	✓
5.0.4	Weight manipulation	■ ₁	✓ ₁	✓ ₁	✓ ₁

KEY

- 1** *low emphasis*
- 2** *medium emphasis*
- 3** *high emphasis* .

		CLASS 1	CLASS 2	CLASS 3	CLASS 4
6.0	PSYCHOLOGICAL DEVELOPMENT				
6.0.1	Communication	■ ₃	✓	✓	✓
6.0.2	Values clarification	■ ₃	✓	✓	✓
6.0.3	Self-understanding and appreciation	■ ₂	✓ ₂	✓ ₂	✓ ₂
6.0.4	Human sexuality	■ ₂	✓ ₂	✓ ₂	✓ ₂
6.0.5	Emotional development	■ ₂	✓ ₂	✓ ₂	✓ ₂
6.0.6	Goal setting and decision making	■ ₁	✓ ₁	✓ ₂	✓ ₂
6.0.7	Conflict resolution	■ ₂	✓ ₂	✓ ₂	✓ ₂
6.0.8	Stress management	■ ₁	✓ ₁	✓ ₁	✓ ₂
7.0	GROUP INTERACTION				
7.0.1	Goal setting	■ ₂	✓ ₂	✓ ₂	✓ ₂
7.0.2	Group dynamics and teamwork	■ ₂	✓ ₂	✓ ₃	✓
7.0.3	Leadership	■ ₂	✓ ₂	✓ ₂	✓ ₂
7.0.4	Competitiveness	■ ₁	✓ ₁	✓ ₁	✓ ₁

KEY

- 1** *low emphasis*
- 2** *medium emphasis*
- 3** *high emphasis*

ATTAINMENT TARGETS

CLASS ONE

HEALTHY LIVING

Understand and so appreciate the importance of healthy living that it leads to assuming responsibility for maintaining a healthy lifestyle.

The pupil should be able to:

- ❑ outline the basic components of a healthy diet;
- ❑ explain and begin to demonstrate good hygiene practices before, during and after physical activity;
- ❑ practise a lifestyle characterised by daily vigorous physical activity involving the large muscle groups;
- ❑ list the substances commonly used/abused in today's society;
- ❑ explain the difference between legal and illegal drugs;
- ❑ define the term "chronic disease";
- ❑ list the chronic diseases common in our society;
- ❑ identify the symptoms of asthma;
- ❑ respond appropriately to asthma attacks.

MOVEMENT SKILLS

Acquire and display movement skills through participation in developmentally appropriate movement activities.

The pupil should be able to:

- ❑ respond to a variety of stimuli to create simple locomotor and non-locomotor sequences;
- ❑ understand and perform basic skills and actions in various media with control;
- ❑ make small, incremental changes in speed, level and direction of movements;
- ❑ find space and move safely with some awareness of other objects in environment.

PHYSIOLOGICAL EFFICIENCY

Understand, experience and appreciate the benefits to be derived from physical education and physical activity.

The pupil should be able to:

- ❑ list the benefits of physical activity;
- ❑ discuss the role of the heart and lungs within the body;
- ❑ discuss the importance of oxygen intake in daily and physical activity;
- ❑ explain how physical activity affects the heart and lungs;
- ❑ state how physical activity helps in building stronger bones;
- ❑ perform basic aerobic tasks;
- ❑ display correct body posture;
- ❑ perform basic tasks/movements which require muscular endurance;
- ❑ display optimal range of motion at major joints;
- ❑ recognise and describe how the body feels in different media (aquatic, land, air);
- ❑ perform movement activities in response to varying rhythm and tempo;
- ❑ perform activities which lead to appropriate standards of fat free mass;
- ❑ carry the body in an efficient manner.

OBJECT MANIPULATION

Learn and perform skills that enable efficient manipulation of objects.

The pupil should be able to:

- ❑ receive, retain, travel with and send objects using a variety of body parts and modified implements;
- ❑ manipulate a variety of objects under various conditions to demonstrate control.

SAFETY

Recognise the importance of safe practices while participating in physical activity.

The pupil should be able to:

- ❑ listen to and follow directions;
- ❑ explain the importance of establishing safety procedures;
- ❑ practise safety procedures during physical activity;
- ❑ identify potentially dangerous conditions and environments in physical activity settings;
- ❑ demonstrate the stated response to risks and hazards;
- ❑ recognise the importance of drinking water;
- ❑ practise drinking at least 6 glasses of water each day;
- ❑ identify and follow adequate safety procedures when dealing with body fluids.

PSYCHOLOGICAL DEVELOPMENT

Display positive behavioural skills while involved in physical activity.

The pupil should be able to:

- ❑ respect and apply the rules and guidelines established for different activities;
- ❑ demonstrate a willingness to attempt tasks;
- ❑ remain focused on a given task for a given period;
- ❑ identify appropriate methodologies to complete given tasks;
- ❑ display emotions in an appropriate manner;
- ❑ identify simple strategies to solve disagreements;
- ❑ display acceptance of personal limitations (of self and others);
- ❑ identify characteristics that make people different.

GROUP INTERACTION

Develop positive social behaviours and display the ability to interact.

The pupil should be able to:

- ❑ display a willingness to share with others (e.g. space, equipment, ideas);
- ❑ discuss the concept of goal setting;
- ❑ contribute to the achievement of group goals;
- ❑ accept assigned roles;
- ❑ discuss the concept of civil society.

CONTENT OF SYLLABUS

CLASS ONE

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT
HEALTHY LIVING	<p>Outline the basic components of a healthy diet</p> <p>Explain and begin to demonstrate good hygiene practices before, during and after physical activity</p> <p>Practise a lifestyle characterised by daily vigorous physical activity involving the large muscle groups</p> <p>List the substances commonly used/abused in today's society</p> <p>Explain the difference between legal and illegal drugs</p> <p>Define the term "chronic disease"</p> <p>List the chronic diseases common in our society</p> <p>Identify the symptoms of asthma</p> <p>Respond appropriately to asthma attacks</p>	<p>Discussion</p> <p>Role play</p> <p>Pupils keep record of activity from plan created by teacher; local games</p> <p>Lecture/discussions</p> <p>Lecture/discussions</p> <p>Research</p> <p>Conduct a survey in school to determine occurrence of asthma, associated symptoms and individual treatment</p>	<p>Microsoft Encarta Encyclopedia, charts, magazines</p> <p>Equipment as required Record forms</p> <p>Resource personnel - NCSA; DARE</p> <p>Resource personnel - CDCR; Nutrition Centre</p> <p>Pictures, charts, inhalers, resource personnel</p>	<p>List components</p> <p>Observation</p> <p>Parents supervise and verify child's performance</p> <p>Word search (children use knowledge to find words and generate list)</p> <p>Group work: present a puppet display</p> <p>Group project: design a poster on signs and symptoms of asthma with guidelines for responding</p>

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT
MOVEMENT SKILLS	Respond to a variety of stimuli to create simple locomotor and non-locomotor sequences	Let's Pretend; Follow the leader	Equipment	Group performance
	Understand and perform basic skills and actions in various media with control		as	Skills tests
	Make small, incremental changes in speed, level and direction of movements	Obstacle courses		Observation
	Find space and move safely with some awareness of other objects in the environment	Puss, Puss, Catch a corner	required	Observation during tag games
PHYSIOLOGICAL EFFICIENCY	List the benefits of physical activity	Discussion	Pictures, videos, Internet	Word find
	Discuss the role of the heart and lungs within the body	Video presentations; interactive computer programmes		Quiz
	Discuss the importance of oxygen intake in daily and physical activity	Breathing exercises		Oral questioning
	Explain how physical activity affects the heart and lungs	During vigorous activity ask children to describe relevant feelings	Equipment as required	Worksheet

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT
PHYSIOLOGICAL EFFICIENCY (cont'd)	State how physical activity helps in building stronger bones	Discussion	Information cards	Short answer test
	Perform basic aerobic tasks	Skipping, running, dancing	Equipment	Standardised test
	Display correct body posture	Mirroring	as	Observation
	Perform basic tasks/movements which require muscular endurance	Wall push, push ups, crunches, squats, hopscotch	required	Task challenge
	Display optimal range of motion at major joints	Broomstick stretches	3-foot dowels/broomsticks	Standardised tests
	Recognise and describe how the body feels in different media (aquatic, land, air)	Have children discuss during relevant activities		Oral questioning
	Perform movement activities in response to varying rhythm and tempo	Songs, instruments, music, clapping games to stimulate free and directed movements	Tapes, drums, tambourines	Observation
	Perform activities which lead to appropriate standards of fat free mass			

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT
OBJECT MANIPULATION	Receive, retain, travel with and send objects using hands, feet and modified implements	Rounders; modified handball; guard you pin	E Q U I P M E N T A S R E Q U I R E D	Checklist
	Manipulate a variety of objects under various conditions to demonstrate control	Throwing Frisbee; shower ball		Skills tests
SAFETY	Listen to and follow instructions	Use a number of cues for getting the attention of the class; Busy Bees		Anecdotal records
	Explain the importance of establishing safety instructions	Outline and stress safety procedures for each activity		Short quiz
	Practise safety procedures during physical activity	Let children suggest safety rules for stipulated games		Self assessment
	Identify potentially dangerous conditions and environments in physical activity settings	Role play		Oral questioning

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT	
SAFETY (cont'd)	Demonstrate the stated response to risks and hazards	Outline expected responses. Simulations		Self test (checklist)	
	Recognise the importance of drinking water	Discussion during water breaks	Chart/poster on hydration	Ask students to provide drinking bottles for classes and keep record of compliance	
	Practise drinking at least six (6) glasses of water each day	Keeping logs at specified times	Recording card	Review the logs submitted by pupils	
	Identify and follow adequate safety procedures when dealing with body fluids	Simulations; video presentations to stimulate discussion	Resource personnel; videos	Design a poster of the do's and don'ts	
	PSYCHOLOGICAL DEVELOPMENT	Respect and apply the rules and guidelines established for different activities	Engage pupils in a number of games with no rules, few rules and several rules. Have them assess the games to determine most suitable conditions	Equipment	Provide games and have students create rules for playing them
		Demonstrate a willingness to attempt tasks	Give activities with new challenges	as	Self assessment checklist
Remain focused on a given task for a given period		Individual circuit	required	Observation	

TOPIC	OBJECTIVES	SUGGESTED ACTIVITIES	SUGGESTED RESOURCES	ASSESSMENT
PSYCHOLOGICAL DEVELOPMENT (cont'd)	Identify appropriate methodologies to complete given tasks	Jumping Squares; Treasure Scramble	E Q U I P M E N T A S R E Q U I R E D	Rating scale
	Display emotions in an appropriate manner	Simulation; discussion		Observation
	Identify simple strategies to solve disagreements	Invite suggestions from pupils during physical activities		Worksheets
	Display acceptance of personal limitations (of self and others)	Partner work		Self-assessment
	Identify characteristics that make people different	Arrange sessions with children who are disabled; view tapes		
GROUP INTERACTION	Display a willingness to share with others (e.g. space, equipment, ideas)	Lily Pad Pond		Rating scale
	Discuss the concept of goal setting Contribute to the achievement of group goals	Discussion Shuttle relays		Group project
	Accept assigned roles	Team circuit		
	Discuss the concept of civil society	Show news clips to generate discussion		Television; VCR; tapes Debate

APPENDIX I

SUGGESTED ACTIVITIES

Flashcard Flexibility

Divide class into groups of 5 – 6. Choose one student in each group to be a leader and give each a set of stretching cards. Each group leader draws a card and calls out a muscle's function. The group members identify the muscle and do the appropriate stretch. For example, the leader draws the card *quadriceps*. The leader reads "the muscle that straightens the leg." Participants respond: "Quadriceps", and all then stretch their quadriceps. The leader continues selecting cards until all the major muscles are stretched.

Examples of other muscle functions are: hamstrings, bend the leg; biceps, bend the arm; triceps, straighten the arm; gastrocnemius (calf), extend the ankle; gluteals, extend the hip; deltoids, move the arm up, forward and back; trapezius, raise the shoulders

(Stretching cards have names on one side and functions on the other).

Lily Pad Pond

Scatter hoops on the ground to represent lily pads, some close together and others far apart to present different jumping distances. Children pretend they are frogs and move about in the "pond" by jumping from lily pad to lily pad (hoops). If players land in the water, they must quickly get onto a pad by "swimming" to it. Players may imitate swimming in fast, moderate, or slow speeds. Encourage players to share lily pads with each other.

Shower Ball

Each student has a small foam ball. Mark out a large rectangular area divided into 2 by a centre line. Divide the class into 2 teams positioned opposite each other along the centre line. Scatter the balls evenly on the playing area. Each team tries to get rid of the foam balls on its side by throwing them to the other side. Call out "shower ball" to begin the game. Teams continue throwing until you call out "freeze". No balls may be thrown after the signal. Team members gather the balls on their side and count them. The team with fewer balls wins. Give the signal and everyone starts throwing again.

Variation: use for kicking development (no hands)

Healthy Heart

Label 3 foam balls *TV, Fats and Sugars*. Use a larger foam ball or a throwing disk to represent a healthy heart. This game dramatizes the effects of poor nutrition and a sedentary lifestyle on the heart. Explain to the students that too much sugar, fats and TV are not good for the heart but that exercise is good and will make the heart stronger. Give a labelled ball to each of three students; they will throw to hit other players. Give the heart ball (or disk) to another student. If students get hit by one of the balls labeled *Sugar, Fats or TV* they must freeze and call out “Healthy Heart, I need exercise!” The person with the healthy heart ball runs and tags the frozen players who are calling out and frees them to continue playing

Broomstick Stretch

Using a broomstick or 3-foot dowel, perform the following stretches.

Overhead Stretch
Step Overs

Forward Stretch
Achilles Stretch

Torso Twists
Side Leg Stretch

Side Dips

Tip: Use music and have the students follow you, or choreograph a whole routine using all the stretches.

Garbage Aerobics

Provide a grocery bag and 10 scrap paper balls for each student. Post an exercise poster in a convenient location. Students do the exercise tasks listed on the poster and collect a paper ball for each completed task. They work their way through the list until all the “garbage” is gone. Count the number of pieces each has collected. Repeat the exercises. The exercise list might include 20 jumping jacks, 10 push-ups, 20 jogs in place, 10 sit-ups (*crunches*).

(The following variations to the author’s activity would encourage integration across the curriculum at the relevant class levels).

Variation 1: Provide each child with 2 bags labeled “For Recycling”, and “Other”. Write names of different types of garbage on each paper. Students will drop their collected “garbage” into the correct bag. Have peers check bags for amounts and correct sorting.

Variation 2: Once the class has been taught about biodegradable materials the bags could be labeled “biodegradable” and “non-biodegradable” and relevant items written on the pieces of paper.

Foxes and Hounds

One student in each pair is a fox and the other is a hound. The foxes have footballs that they dribble. The hounds attempt to retrieve the ball. A hound who successfully retrieves a ball becomes the fox and the other person becomes the hound. This game may be played either one student versus another or a group of hounds against a group of foxes.

Magic Carpets

Use 1 carpet square for each student. These are to be placed upside down on the ground. Tell students that the carpets are magic. Tell them all to lie stomach down on their carpets and then pull themselves forward; move backward; and turn around in a circle. Repeat these moves while sitting, then kneeling. It is also fun to do the “twist” while sitting, kneeling, and standing on the squares. Let students try to “drive” the carpets around the area by placing their hands on the squares, lifting their hips in the air, and pushing on the floor with their feet. (Note: younger children may not be strong enough for the last activity).

Crab Soccer (Football)

Divide the class in half. One half will be in the crabwalk position; the other in short lines. The first person in each line attempts to dribble the ball from one sideline to the other through the field of crabs. The crabs try to touch a ball with one foot while crabwalking. A crab who touches a ball switches places with the dribbler. The students who are crabs must stay in the crabwalk position. They cannot turn over and crawl or get up and walk. Dribblers must keep their balls close to themselves and maintain ball control using feet only. After a while, have the first group of crabs become dribblers and the dribblers become crabs.

Guard Your Pin

Each child should have 1 pin and 1 foam ball. Scatter the pins with students guarding their own pins. Students throw balls at each other's standing pins while guarding their own pins. When a pin is knocked down, that student performs an exercise that will develop muscular strength, such as sit-ups (*crunches*), push-ups, line jumps, wall push-ups. Students return to the game when they complete their exercises.

Variations: Students kick balls to knock down pins and use their feet to trap the ball.

Partners: One plays the defensive position while the other plays the offensive position.

Teams: Divide the class into two teams. Play until all the pins on one side are down. The team with pins still standing does 5 crunches and the other team does 10.

The above activities are from *Fitness Fun* by Emily R. Foster et. al.

Jumping Squares

I. A diagram is drawn made up of 16 to 48 or more squares, each a little larger than the length of a player's foot. The first player stands at the base line, hops on whichever foot has been agreed upon into the squares from 1 to 48 in their numerical order, observing the general rules regarding not touching the lines, and changing from foot to the other, although he may pause as long as he likes in any square provided he stands on his "hopping" foot. Upon reaching 48 he retraces his course, and hops from 48 to 1. Having done this without missing, he may place his initials in any square he chooses, and may rest there on both feet whenever he arrives at the square in future plays, while the other players must hop over this space. Should he miss, he must begin at 1 and hop through the whole series when his turn comes again. The object of the game is to get one's initials in the greatest number of squares. The game continues until all the squares are filled or until only one player is able to make the required hops.

47	48	42	41
45	43	39	40
46	44	38	37
32	30	34	36
31	33	29	35
26	27	25	28
21	22	23	24
18	20	16	15
19	17	14	12
7	2	8	13
1	6	9	10
4	3	5	11

II. This game is the same as I with the following exceptions: The player must hop through the series of squares first on one foot, next on the other, and then on both feet. He is entitled to place his initials in a square of his own choice when he has completed one of the three series, hopping from 1 to 28.

2	6	3	20	25	15	11
5	7	16	14	10	26	24
8	18	4	19	21	28	22
1	17	9	13	23	27	12

The above activities are from *Handbook of Recreational Games* by Neva L. Boyd

The 2-minute Drill

Have students find an open space. On signal they each take their pulse and record the rate. On the start signal, students begin the first activity as directed by the teacher/leader. This activity lasts for 15 seconds. After 15 seconds they begin the second activity. Continue this rotation for a total of 8 activities. At the completion of 2 minutes, have the students take their pulse rate again and note the difference. Cool down by walking for 1 minute. Do not give the students a break between activities. This should be continuous exercise for the entire 2 minutes.

Sample Activities: Jumping Jacks Jog in Place Push-Ups Curl-Ups Treadmills
 Kick Through Crab Kicks Animal Walks Jump Rope Chair Dips

Diet and Exercise

Have the students split into groups of four to six. Provide them with magazines and have them make a poster of the foods they usually eat. (This could be a homework assignment). Have the students place the posters on the wall when completed. Then have each group analyze a different group's poster. When analyzing a poster, the group should be making two lists: a list of healthy foods and a list of unhealthy foods. Compile a master list on the board or overhead and see what commonalities appear. Conclude with a discussion on the benefits of healthy foods and the disadvantages of unhealthy foods.

Activities to develop Muscular Strength Using Boxes and Balls

Box Activities

(Note that in addition to enhancing lower body strength these exercises also develop balance and coordination skills). Boxes should be 8” to 12” high x 24” wide x 24” to 48” long. Make sure the top and bottom have non-skid surfaces.

Set-Ups: Have student face box. Step on box with right foot, bring left foot up on box, begin stepping down with right foot, then left foot. Make certain student maintains an erect posture. Repeat for designated time or number of repetitions.

Front Jumps: Have student face box and jump up with both feet and jump back down to start position. *Modification:* Have student jump forward off box, turn around and begin front jumping.

Lateral-Steps: Have student stand with right side to box. Step up laterally with right foot, the left foot. Step down with left foot then right foot. Maintain erect posture during stepping. Student can repeat from the other side as well.

Lateral Jumps: Have student stand with right (left) side to box. Jump up with both feet, laterally, and then jump off the opposite side of the box. Repeat activity. Make it continuous lateral jumping.

One-Foot Jump: Have student perform the Front Jump using only one foot. This is a difficult task for children to perform, especially if they have had a serious ankle injury and lost strength.

Jump Squats with/without Turn: Have student perform a Front Jump onto box, land in a Half-Squat (knees bent to 90 degrees). Immediately upon landing in squat, student explodes upward and off box, again landing in a Half-Squat position on the opposite side. Next, incorporate the turn. Have student perform the same activity, except when student explodes off the box, he/she performs a ½ (180 degree) turn and lands facing the box. *Modification:* This activity can also be performed with Lateral Jumps.

Jump and Catch: Have “passer” standing 4 to 6 feet from box, facing box with ball in hand. The “jumper” performs a Jump Squat onto the box. As student begins to explode off the box, at the height of the jump the passer tosses the ball to the jumper. The jumper catches the ball and, immediately upon landing, tosses the ball back to the passer. All students in the group can participate by rotating the passer position. A medicine ball is recommended for increases in upper-body fitness.

Ball Activities (to be done with a medicine ball; can be done with a basketball but increase the number of repetitions or time frame)

Trunk Twister: Sitting on the floor with legs extended, student places the ball directly behind his/her back. Twist to the left, pick up the ball, bring it around the front, twist to the right, and set the ball back in its starting position. Perform the activity from both sides of the body.

Double-Unders: Sitting on the floor with legs extended, student holds the ball in front. Raise legs off the ground, knees slightly bent. Roll the ball under the legs from the left to the right and continue the process for a specific number of repetitions or time frame. Do not let legs touch the ground during the exercise. *Modification:* For students with greater abdominal strength, instead of rolling the ball, have them raise their legs higher, and pass the ball under the legs without it touching the ground.

Over-Under: Student sits on the floor with legs out front. Lift the right leg and pass the ball under it from the inside. Then pass it over the top of the right leg, under the left leg, over the left leg, etc. Keep it going for 5 complete Over-Unders, if possible. (This is actually a figure-8).

Front Catch: Stand with the ball between feet. Jump up with ball and toss it to self. After catching the ball, place it back between feet and repeat the activity.

The above activities are from: *Elementary Teacher's Survival Guide* by Jeff Carpenter and Diane Tunnell

Keep the Bucket Full

Teacher throws out balls as quickly as possible. Children run and collect the balls and bring back to the container. They can only collect one ball at a time.

Busy Bees

Each player has a partner except one who is 'it'. The couples scatter and obey commands such as 'back to back', 'face each other', 'shake hands'. On 'busy bees' everyone has to find a new partner including 'it'. The person without a partner becomes 'it'.

One vs. Three

In groups of four, numbers one and two join hands. A fourth person tries to touch number three in the group. When successful change places with number three and start again.

The above activities are from *Go For It!* By Catherine Roberts

Shadows

Divide the class into pairs. One partner tries to step on the shadow of the other. Count the number of successful attempts. After the allotted time partners change roles.

Chase the Beanbag

Divide the class into two teams. One team is in possession of a beanbag. A member of the other team tries to win the beanbag by tagging a player who has the beanbag. The player with possession should try to throw the bag to another member of his/her team before being tagged. If the class is big it might be better to use four groups with two games being played simultaneously. (Add 1 beanbag or more depending on catching skills of pupils).

Skill/Performance Challenges

These may be used to develop any skill and encourage improved performance. They may be teacher designed or students could be encouraged to design individual challenges as part of the goal setting objective. An individual skill may be the focus or the challenge may take the form of a circuit. Motivate students more by giving rewards for outcomes. Challenges can also be used for assessment. Below is an example.

Strength Challenge

Students are to go to every station and accumulate as many points as possible. Explain each station and its scoring, then give each student a Strength Challenge scoresheet that you have designed.

Push-Ups: Each push-up completed earns 1 point. Students have 1 minute to do push ups. Students time each other.

Sit-ups: Every third repetition earns 1 point. Students have 1 minute to do sit-ups.

Pull-Ups: Each repetition earns 2 points. Arms should be fully extended on the down phase of the pull-up. There is no time limit.

Vertical Jump: On a strip of tape stuck to the wall, mark off a baseline (e.g. 4 ft. above the floor) and each inch above that to 6 – 8 ft. (higher if students are able). From a standing position, students jump up and touch the tape. The number of inches touched above the baseline equals the number of points earned.

Notes to teachers

These activities are provided to supplement those that you already know. You are encouraged to look for creative ways to vary each activity to make it even more fun for your classes. You are also encouraged to create activities of your own.

Teachers are reminded to ensure that equal opportunity is provided for symmetrical development (e.g. specify the leg, arm to be used in jumping, kicking and throwing activities and, as much as possible, give equal time to activities on each side).

Please note that *Rounders* refers to the local game which is played without implements.

There are several versions of Chinese Skip. Teachers are encouraged to research the varieties.

While the traditional hopscotch ends at #8, you may continue to add three boxes similar to #6, #7 & #8 at the top to make the game more challenging.

APPENDIX II

AQUATICS

It is understood that most schools are unable to include aquatics in their activities. In addition, schools introduce pupils to aquatics at varying ages and so attainment targets could not be attached to a particular class or age level. Consequently, that component was not included in the objectives for primary schools. As an alternative a number of suggested progressions for introducing children to aquatics are included.

STAGE I

Sit on side of pool and wet feet; kick
Walk into pool and around the perimeter, holding the wall
Walk into pool and around the perimeter close to the wall
Walk in a circle holding hands
Walk from one wall to the other (15m)

STAGE II

Put mouth in water and blow
Mouth and nose in water and blow
Entire face in water and blow
Identify items in the water
Streamline across the pool with face in water

STAGE III

Bobbing
Bend and pick up objects from the water
Floating on face and back
Do a streamline freestyle kick for one breath

APPENDIX III

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