

## **Physical Fitness Events – (Push-ups, Sit-ups and Shuttle Run only)**

1. All cadets participating in Flagship must compete in this event unless physically unable to do so.
2. All Physical Fitness events will use the same rules and time limits as the NSCC Physical Fitness Test except that each event will be broken up done as separate contests throughout Flagship, not as a test taken all at once.
3. Each cadet will be graded individually on each event as follows:

### **Scoring:** (Based on Age/Gender for each event per cadet)

- Scores below the minimum level required to pass the PT test = 0 points
- Scores at the minimum level required to pass the PT Test = 1 point
- Scores at the National Level for the PT Test = 2 points
- Scores at the Presidential Level for the PT test = 3 points

Since there will be different numbers of cadets participating in the different teams, the team score will be determined by taking the average number of points of all cadets on the team for each event, and multiplying by 10 for their final team score with a maximum possible score of 30 points.

### **Notes to judges:**

- Cadets may only participate in each event once.
- Shuttle Run scores are rounded to the nearest tenth of a second.
- Push-ups and Sit-ups must be using the correct form and counted by the judges, not the cadets.

# **MODIFIED SIT-UPS** (Male and Female)

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**OBJECTIVE** - Number of sit-ups performed in one minute.

**EQUIPMENT** - Stopwatch. A mat or other clean surface is preferred.

**STARTING POSITION** - Cadet lies on back with knees flexed at 90 degrees; partner holds feet and counts each correctly performed sit-up. Heels should not be more than 12 inches from the buttocks and the back is flat on the floor. Arms are crossed with hands placed on opposite shoulders, arms close to chest. Hands must remain on the shoulders at all times.

**ACTION** - Cadet raises the trunk curling up to touch elbows to thighs and then lowers the back to the floor so that the scapulas (upper back) touch the floor. This constitutes one sit-up.

**THE TEST** - The timer calls out the signal "Ready? Go." and begins timing one minute. Timer calls out at 30 seconds and again at 45 seconds to help cadets pace themselves. At one minute the timer calls out "Stop". The number of correctly executed sit-ups completed in one minute is the cadet's score. Make sure each cadet knows how many they need to do before they begin.

- RULES** -
1. "Bouncing" off the floor/mat is not allowed. Buttocks must remain on the floor at all times.
  2. The sit-up will be counted only if the cadet (a) keeps hands on shoulders; (b) touches elbows to thighs; and (c) returns to down position with scapula touching floor before curling up again.



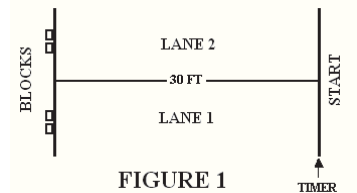
# SHUTTLE RUN

(Male and Female)

**OBJECTIVE** - Fastest time to perform run.

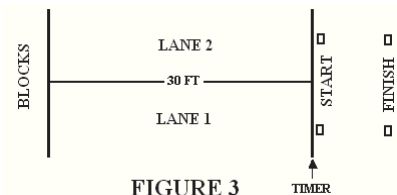
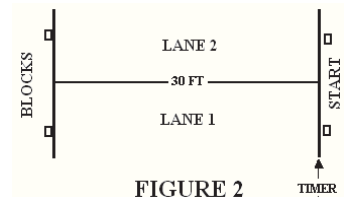
**EQUIPMENT** - Four wood blocks (2"x 2"x 4"), stopwatch, 30ft rope, tape.

**SET UP** - Tape 30ft rope down center of floor, use tape to make lines at either end of rope. Place blocks behind one of the tapelines, two on each side of 30ft rope. (Figure 1)



**STARTING POSITION** - Cadets start from behind line opposite the blocks, one in each lane. Timer stands on one side, watch lined up with starting line.

**ACTION** - On the signal "Ready? Go", the cadet runs to the blocks, picks one up and runs back to the starting line, places block behind line (Figure 2), runs back, picks up second block and runs back across starting line. Time stops when cadet crosses the starting line holding second block. For faster times encourage cadet to not slow down when approaching starting line with second block, but to run 5-7ft past timer before stopping (Figure 3).



**RULES** - 1. Record score to the nearest tenth of a second.

2. Do not allow cadet to throw first block across starting line.

**HINTS** - It is preferable to have two cadets running at the same time. Most

stopwatches can time two at once, check the watch directions. To eliminate the necessity of returning the blocks after each run, start alternately, first from behind one line and then from behind the other line. To cut off seconds in the run have cadet reach for block and pivot (Photo).



## PULL-UPS (Male and Female)

**Objective:** To measure upper body strength/endurance by maximum number of pull-ups completed.

**Testing:** Cadet hangs from a horizontal bar with arms fully extended and feet free from floor, using either an overhand grip (palms facing away from body) or underhand grip (palms facing toward body). Small cadets may be lifted to starting position. Cadet raises body until chin clears the bar and then lowers body to full-hang starting position. Cadet performs as many correct pull-ups as possible.

**Scoring:** Pull-ups should be done in a smooth rather than jerky motion. Kicking or bending the legs is not permitted and the body must not swing during the movement.



**OR**

## RIGHT ANGLE PUSH-UPS (Male and Female)

**Objective:** To measure upper body strength/endurance by maximum number of push-ups completed.

**Testing:** The cadet lies face down on the mat in push-up position with hands under shoulders, fingers straight and legs straight, parallel, with the toes supporting the feet. The cadet straightens the arms, keeping the back and knees straight, then lowers the body until there is a 90-degree angle at the elbows, with the upper arms parallel to the floor. A partner holds his/her hands at the point of the 90-degree angle so that the cadet being tested goes down only until his/her shoulders touch the partner's hands, then back up. Push-ups are continued until the cadet can do no more in rhythm, has reached the target number, or stops.

**Scoring:** Record only those push-ups done with proper form and rhythm.

**Rationale:** The right angle push-ups are recommended for upper body strength/ endurance testing because the cadet's body weight has less effect than it does on pull-ups. Right angle push-ups provide a better indicator of the range of strength/endurance found in youth, whereas many are unable to do any pull-ups. Pull-ups remain an option for those cadets at higher levels of strength/endurance.



# MALES

## 10 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/2"	1"	4"
MODIFIED SIT-UP	28	35	45
SHUTTLE RUN	14.5 sec.	11.5 sec.	10.3 sec.
PUSH-UPS/ PULL-UPS	12 push	14 push or 2 pull	22 push or 6 pull
1 MILE RUN	11:40	9:48	7:57

## 11 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/2"	1"	4"
MODIFIED SIT-UP	29	37	47
SHUTTLE RUN	13.5 sec.	11.1 sec.	10 sec.
PUSH-UPS/ PULL-UPS	14 push	15 push or 2 pull	27 push or 6 pull
1 MILE RUN	11:25	9:20	7:32

## 12 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/2"	1"	4"
MODIFIED SIT-UP	32	40	50
SHUTTLE RUN	12.4 sec.	10.6 sec.	9.8 sec.
PUSH-UPS/ PULL-UPS	15 push	18 push or 2 pull	31 push or 7 pull
1 MILE RUN	10:22	8:40	7:11

## 13 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/4"	1/2"	3 1/2"
MODIFIED SIT-UP	34	42	53
SHUTTLE RUN	12.2 sec.	10.2 sec.	9.5 sec.
PUSH-UPS/ PULL-UPS	20 push or 2 pull	24 push or 3 pull	39 push or 7 pull
1 MILE RUN	9:45	8:06	6:50

# FEMALES

## 10 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 1/2"	3"	6"
MODIFIED SIT-UP	26	30	40
SHUTTLE RUN	14.2 sec.	12.1 sec.	10.8 sec.
PUSH-UPS/ PULL-UPS	9 push	13 push or 1 pull	20 push or 3 pull
1 MILE RUN	13:00	11:22	9:19

## 11 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 1/2"	3"	6 1/2"
MODIFIED SIT-UP	28	32	42
SHUTTLE RUN	13.4 sec.	11.5 sec.	10.5 sec.
PUSH-UPS/ PULL-UPS	7 push	11 push or 1 pull	19 push or 3 pull
1 MILE RUN	12:42	11:17	9:02

## 12 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 3/4"	3 1/2"	7"
MODIFIED SIT-UP	30	35	45
SHUTTLE RUN	12.9 sec.	11.3 sec.	10.4 sec.
PUSH-UPS/ PULL-UPS	5 push	10 push or 1 pull	20 push or 2 pull
1 MILE RUN	12:24	11:05	8:23

## 13 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 3/4"	3 1/2"	7"
MODIFIED SIT-UP	32	37	46
SHUTTLE RUN	13.1 sec.	11.1 sec.	10.2 sec.
PUSH-UPS/ PULL-UPS	7 push or 1 pull	11 push or 1 pull	21 push or 2 pull
1 MILE RUN	12:15	10:23	8:13

# MALES

## 13 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/4"	1/2"	3 1/2"
MODIFIED SIT-UP	34	42	53
SHUTTLE RUN	12.2 sec.	10.2 sec.	9.5 sec.
PUSH-UPS/ PULL-UPS	20 push or 2 pull	24 push or 3 pull	39 push or 7 pull
1 MILE RUN	9:45	8:06	6:50

## 14 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1/2"	1"	4 1/2"
MODIFIED SIT-UP	36	45	56
SHUTTLE RUN	11.9 sec.	9.9 sec.	9.1 sec.
PUSH-UPS/ PULL-UPS	20 push or 4 pull	24 push or 5 pull	40 push or 10 pull
1 MILE RUN	9:30	7:04	6:26

## 15 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1"	2"	5"
MODIFIED SIT-UP	38	45	57
SHUTTLE RUN	11.7 sec.	9.7 sec.	9 sec.
PUSH-UPS/ PULL-UPS	25 push or 5 pull	30 push or 6 pull	42 push or 11 pull
1 MILE RUN	9:15	7:30	6:20

## 16 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 1/2"	3"	6"
MODIFIED SIT-UP	40	45	56
SHUTTLE RUN	11.4 sec.	9.4 sec.	8.7 sec.
PUSH-UPS/ PULL-UPS	25 push or 6 pull	30 push or 7 pull	44 push or 11 pull
1 MILE RUN	9:00	7:10	6:08

## 17 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 1/2"	3"	7"
MODIFIED SIT-UP	40	44	55
SHUTTLE RUN	11.4 sec.	9.4 sec.	8.7 sec.
PUSH-UPS/ PULL-UPS	30 push or 7 pull	37 push or 8 pull	53 push or 13 pull
1 MILE RUN	8:45	7:04	6:06

## 18 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 1/2"	3"	7"
MODIFIED SIT-UP	40	44	55
SHUTTLE RUN	11.4 sec.	9.4 sec.	8.7 sec.
PUSH-UPS/ PULL-UPS	30 push or 7 pull	37 push or 8 pull	53 push or 13 pull
1 MILE RUN	8:45	7:04	6:06

# FEMALES

## 13 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	1 3/4"	3 1/2"	7"
MODIFIED SIT-UP	32	37	46
SHUTTLE RUN	13.1 sec.	11.1 sec.	10.2 sec.
PUSH-UPS/ PULL-UPS	7 push or 1 pull	11 push or 1 pull	21 push or 2 pull
1 MILE RUN	12:15	10:23	8:13

## 14 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	2 1/4"	4 1/2"	8"
MODIFIED SIT-UP	32	37	47
SHUTTLE RUN	13.2 sec.	11.2 sec.	10.1 sec.
PUSH-UPS/ PULL-UPS	7 push or 1 pull	10 push or 1 pull	20 push or 2 pull
1 MILE RUN	12:00	10:06	7:59

## 15 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	2 1/2"	5"	8"
MODIFIED SIT-UP	31	36	48
SHUTTLE RUN	13 sec.	11 sec.	10 sec.
PUSH-UPS/ PULL-UPS	10 push or 1 pull	15 push or 1 pull	20 push or 2 pull
1 MILE RUN	11:45	9:58	8:08

## 16 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	2 3/4"	5 1/2"	9"
MODIFIED SIT-UP	30	35	45
SHUTTLE RUN	12.9 sec	10.9 sec.	10.1 sec.
PUSH-UPS/ PULL-UPS	10 push or 1 pull	12 push or 1 pull	24 push or 1 pull
1 MILE RUN	12:10	10:31	8:23

## 17 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	2 1/4"	4 1/2"	8"
MODIFIED SIT-UP	29	34	44
SHUTTLE RUN	13 sec.	11 sec.	10 sec.
PUSH-UPS/ PULL-UPS	12 push or 1 pull	16 push or 1 pull	25 push or 2 pull
1 MILE RUN	12:45	10:22	8:15

## 18 YEAR OLDS

EVENT	MINIMUM STANDARD	NATIONAL STANDARD	PRESIDENTIAL STANDARD
SIT & REACH	2 1/4"	4 1/2"	8"
MODIFIED SIT-UP	29	34	44
SHUTTLE RUN	13 sec.	11 sec.	10 sec.
PUSH-UPS/ PULL-UPS	12 push or 1 pull	16 push or 1 pull	25 push or 2 pull
1 MILE RUN	12:45	10:22	8:15