



ATHLETIC PLACEMENT PROCESS

PHYSICAL FITNESS TEST: INSTRUCTIONS

Curl-ups

This activity measures abdominal strength and endurance.

Curl-ups Testing

Here's what you do:

- Have the student lie on a cushioned, clean surface with knees flexed and feet about 12 inches from buttocks. A partner holds the feet.
- Make sure the arms are crossed with hands placed on opposite shoulders and elbows held close to chest.
- Keeping this arm position, the student raises the trunk, curling up to touch elbows to thighs, and then lowers the back to the floor so that the scapulas (shoulder blades) touch the floor, for one curl-up.
- To start, a timer calls out the signal "Ready? Go!" and begins timing the student for one minute. The student stops on the word "Stop."

Curl-ups Tip

Instruct helpers to count aloud the number of repetitions.

Curl-ups Scoring

"Bouncing" off the floor is not permitted. The curl-up should be counted only if performed correctly.

Shuttle Run

This activity measures speed and agility.

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.

Right Angle Push-ups Testing

Here's what you do:

- The student starts in push-up position, with hands under shoulders, arms straight, fingers pointed forward, and legs straight, parallel, and slightly apart (approximately 2-4 inches) with the toes supporting the feet.
- Keeping the back and knees straight, the student then lowers the body until there is a 90-degree angle formed at the elbows, with upper arms parallel to the floor. A partner holds her/his hands at the point of the 90-degree angle so that the student being tested goes down only until her/his shoulders touch the partner's hand, then back up.
- The push-ups are done to a metronome (or audio tape, clapping, drums) with one complete push-up every three seconds, and are continued until the student can do no more at the required pace. The student should remain in motion during the entire three second interval.

Right Angle Push-ups Tip

As with the pull-up, spend as little time in the starting position beforehand in order to increase the number of repetitions. Any extra movement may also decrease the number of repetitions.

Right Angle Push-ups Scoring

Record only those push-ups done with proper form and in rhythm.

Right Angle Push-ups Rationale

Right angle push-ups are a good indicator of the range of strength/endurance found in kids, whereas some kids are unable to do any pull-ups. Pull-ups remain an option for those students at higher levels of strength/endurance.

V-sit Reach

This activity measures flexibility of the lower back and hamstrings.

V-sit Reach Testing

Here's what you do:

- A straight line two feet long is marked on the floor as the baseline.
- A measuring line four feet long is drawn perpendicular to the midpoint of the baseline, extending two feet on each side and marked off in half-inches. The point where the baseline and measuring line intersect is the "0" point.
- Student removes his/her shoes and sits on floor with measuring line between his/her legs and the soles of his/her feet placed directly behind the baseline, with the heels 8-12 inches apart.
- With hands on top of each other, palms down, the student places them on measuring line.
- With the legs held flat by a partner, the student slowly reaches forward as far as possible, keeping fingers on the measuring line and feet flexed.
- After three practice tries, the student holds the fourth reach for three seconds while that distance is recorded.

V-sit Reach Tip

Participants are most flexible after a warm-up run. Best results may occur immediately after performing the endurance run.

V-sit Reach Rules

Legs must remain straight with soles of feet held perpendicular to the floor (feet flexed). Students should be encouraged to reach slowly rather than "bounce" while stretching. Scores, recorded to the nearest half inch, are read as plus scores for reaches beyond baseline, minus scores for reaches behind baseline.

Sit and Reach Testing

Here's what you do:

- You'll need a specially constructed box with a measuring scale marked in centimeters, with 23 centimeters at the level of the feet.
- The student removes shoes and sits on floor with knees fully extended, feet shoulder-width apart and soles of the feet held flat against the end of the box.
- With hands on top of each other, palms down, and legs held flat, student reaches along the measuring line as far as possible. After three practice reaches, the fourth reach is held while the distance is recorded.

Sit and Reach Tip

Participants are most flexible after a warm-up run. Best results may occur immediately after performing the endurance run.

Sit and Reach Rules

Legs must remain straight, soles of feet against box, and fingertips of both hands should reach evenly along the measuring line. Scores are recorded to the nearest centimeter.

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Physical Fitness: Scores Required for the Athletic Placement Process

SEX	AGE	Curl-Ups # in one minute	Shuttle Run in seconds	Choose one		1 Mile- Walk/Run min/sec ¹	Choose one	
				V-sit Reach in inches	Sit & Reach in centimeters		Pull-Ups # completed	Right Angle Push-ups # every 3 sec.
Males	11	47	10.0	4.0	31	7:32	6	26
	12	50	9.8	4.0	31	7:11	7	30
	13	53	9.5	3.5	31	6:50	7	35
	14	56	9.1	4.5	33	6:26	10	37
	15	57	9.0	5.0	36	6:20	11	40
Females	11	42	10.5	6.5	34	9:02	3	19
	12	45	10.4	7.0	36	8:23	2	20
	13	46	10.2	7.0	38	8:13	2	21
	14	47	10.1	8.0	40	7:59	2	20
	15	48	10.0	8.0	43	8:08	2	20

*For swimming, see next page for alternative 500 yard swim scores.

¹ Upper body strength can be measured by performing pull-ups, or right angle push-ups.
² Flexibility can be measured by performing the V-sit Reach or the Sit and Reach

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PHYSICAL MATURITY CHART

Recommended Tanner Scores for the Athletic Placement Process

Approved Sports	MALES			FEMALES		
	Freshman	JV	Varsity	Freshman	JV	Varsity
Archery	2	2	2	2	2	2
Badminton	2	3	4	2	3	4
Baseball	3	4	5	4	5	5
Basketball	3	4	5	4	5	5
Bowling	2	2	2	2	2	2
Competitive Cheerleading	3	4	5	4	5	5
Cross-Country	3	4	5	4	5	5
Fencing	2	3	4	2	3	4
Field Hockey	3	4	5	4	5	5
Football	3	4	5	4	5	5
Golf	2	2	2	2	2	2
Gymnastics	3	4	5	4	5	5
Ice Hockey	3	4	5	4	5	5
Lacrosse	3	4	5	4	5	5
Rifle	2	2	2	2	2	2
Skiing	3	4	5	4	5	5
Soccer	3	4	5	4	5	5
Softball	3	4	5	4	5	5
Swim/Diving	3	4	5	4	5	5
Tennis	3	4	5	4	5	5
Track & Field	3	4	5	4	5	5
Volleyball	3	4	5	4	5	5
Wrestling	3	4	5	4	5	5