CAMPO CROSS COUNTRY

2020 SUMMER TRAINING SCHEDULE

CHECK OUT INSTRUCTIONAL VIDEOS FOR ALL FITNESS & STRENGTH CIRCUITS AT CAMPOTRACK.COM

DON'T MISS MEETING WITH COACHES AND TEAMMATES FOR GUIDANCE AND SUPPORT ON **ZOOM!**-Check the team Facebook group page and set up your XCStats.com account to receive Zoom meeting login code.

VOLUME RECOMMENDATIONS:

Time and repetition ranges are noted for several workout sessions. When 4 separate run times are indicated, it is recommended that 1st-year athletes choose the shortest duration, 2nd-year athletes choose the next longest duration, and so on. When only 3 run times are indicated, it is recommended that 1st-year athletes choose the shortest duration, 2nd-year athletes choose the next longest duration, and 3rd & 4th-year athletes choose the longest duration. When a range of repetitions is indicated, it is recommended that 1st-year athletes do the fewest repetitions, 2nd-year athletes do 1 additional repetition, and 3rd & 4th-year athletes do the most repetitions.

PACE EXPLANATIONS:

PRE: Perceived Rate of Exertion. We will often discuss training paces using a scale from 1-10, with 1 being walking effort and 10 being maximal sprint effort

RECOVERY: PRE = 3.5; This is approximately 2 minutes slower per mile than 5k date pace. For example, an athlete with a 5k date pace of 6 minutes per mile should run at a velocity of about 8 minutes per mile for RECOVERY effort. These runs can range in length from 25 to 50 minutes. The objective of a RECOVERY run is to provide gentle aerobic stimuli with minimal musculoskeletal stress in order to promote optimal tissue repair. While "jogging" is often synonymous with careless, mechanically inefficient movement patters, RECOVERY pace running should be conducted with mindful mechanical efficiency in order to reinforce optimal movement patterns.

EASY: PRE = 3-4; This is similar to RECOVERY run effort. EASY pace running is used prior to, following, and/or in between higher intensity efforts like workout segments or races. Preceding a workout or race, athletes should begin at a PRE of 3 and gradually increase effort to a 4 over the course of the proscribed run time. Following or in between higher intensity efforts, athletes should begin at a PRE of 4 and either maintain or gradually reduce effort to a 3 over the course of the proscribed run time. Note: While "jogging" is often synonymous with careless, mechanically inefficient movement patters, EASY pace running should be conducted with mindful mechanical efficiency in order to reinforce optimal movement patterns.

LSD: PRE = 4.5; This is aerobic development pace, slightly higher in intensity than RECOVERY and EASY effort running. The purpose of Long Sustained Distance running of 40 to 90 minutes in duration is to stimulate adaptive response in various aerobic pathways, including cardio-vascular power and efficiency, mitochondrial density and efficiency, metabolic efficiency, muscle fiber size, and fatigue resistance. Given that the largest energy contribution comes from the aerobic system for races of 800m or longer, LSD paced running is the cornerstone of distance training. Extending the length of the Long Sustained Paced run over the course of the season and over the course of the high school career is essential for reaching endurance performance potential.

20k: PRE = 6; Often called "threshold" effort, this pace is about 30 seconds per mile slower than 5k date pace. It should be the fastest pace you can sustain for about a half-marathon (13 miles). This is the running effort at which the aerobic system is no longer able to supply the necessary energy to sustain the pace. This effort level creeps just beyond the "aerobic threshold", the point at which lactate acid levels in the blood stream begin to increase. 20k paced running should feel "comfortably quick", allowing maintenance of breathing rhythm and sustained mental focus. Only slightly faster than LSD pace, you should be able to sustain 20k pace with only slightly more effort and recover from it quickly. In segmented training, a rest interval of 1 minute should be sufficient. Training at this pace promotes improved lactate recycling and fatigue buffering. These adaptations allow you to sustain faster paces for longer durations.

10k: PRE = 7; Known to some as "critical velocity" (CV), this pace is about 15 seconds per mile slower than 5k date pace. 10k effort is approximately 90% of 5k effort and often used for training segments of 3 minutes in duration with relatively short recovery. Training at this pace is optimal for increasing the oxidative capacity of type II muscle fibers and improving stamina at higher velocities. This velocity is particularly beneficial due to the high adaptive stimulus with relatively low musculoskeletal stress.

5k: PRE = 8; This pace is approaching the VO2max window, wherein sustained effort becomes noticeably more difficult. Training at this pace stimulates adaptive response to the various pathways responsible for oxygen utilization and mechanical efficiency with more significant stress on the musculoskeletal system.

3200m, **1600m** & **800m**: PRE = 8.5-9.5; VO2max pace and sub-VO2max pace training. These training efforts are useful for reaching potential oxygen utilization capacity as well as developing and optimizing neuromuscular pathways, running economy, and power. In addition, training at these race paces is critical for developing race-pace awareness and race-specific mental endurance. These paces are most stressful to the musculoskeletal system and therefore account for the smallest fraction of total volume over the training cycle.

CAMPO CROSS COUNTRY

2020 COUGAR CROSS COUNTRY SUMMER ACTIVITY SCHEDULE

ALL ATHLETES WELCOME!

NOTE CIRCUIT TRAINING #1, #2 & #3 FOR TUESDAY, THURSDAY & SATURDAY SESSIONS:

FITNESS CIRCUIT #1

CIRCUIT #1

100m jog between each:

1-eagles, on chest, heel to hand **2-**eagles, on back, toe to hand

3-side leg raises, toe twists **4**-abductor resistance half squat circles

(push knees out) **5**-scoops

6-hands & knees scorpions

7-traditional push ups

8-low-reach crunch

9-hands & knees hydrants

10-adductor resistance half squat circles (push knees in)

11-opposite arm/leg raises, on chest

12-alternate-reach crunch

FITNESS CIRCUIT #2

CIRCUIT #2

100m jog between each:

1-hip/trunk rotations, on back, shldrs flat

2-forearm get ups, one arm at a time

3-pistons, "h" position to full extension

4-side clams

5-hands & knees bird dogs

6-side crunches

7-lunges (forward in place)

8-chest lifts

9-hurdle position leg lifts

10-thrusts

11-mountain climbers

12-suitcases

FITNESS CIRCUIT #3

CIRCUIT #3

100m jog between each:

1-eagles, on chest, heel to hand

2-eagles, on back, toe to hand

3-forearm stand, side leg raises, toe twists

4-superdogs

5-lateral walk push ups

6-v-ups

7-forearm stand bent leg raises

8-sitting bicycle

9- legs up arm crawl

10-oscillating heel reach

11-elbow stand bent leg raises

12- push up position bird dogs

STRENGTH CIRCUIT #1

CIRCUIT #1

3 x 8-10 reps each. Use heavy weight!

A1- Push-Up Row w/ dumbbells/kettlebells

A2-Squat-Press w/ landmine

A3- Bent Reverse Fly w/ dumbbell

B1-Arm Curls w/ dumbbells

B2-Dead Lift w/ barbell

B3-Triceps Press w/ dumbbell

C1-Upright Rows w/ barbell/kettlebell

C2-Dbl Lea Box Jumps

C3-Pull Ups w/ band

STRENGTH CIRCUIT #2

CIRCUIT #2

3 x 8-10 reps each. Use heavy weight!

A1- Bench Press w/ dumbbells

A2-Walking-Lunge Press w/ dumbbells

A3- Bent Rows w/ dumbbell

B1-60 sec Running Arms w/ dumbbells

B2-Sngl Leg Pillar Dip w/ dumbbell

B3-Seated Incline Dbl Triceps Press

C1-Front/Side Arm Raises w/ dumbbell

C2-Dbl Leg Box Hop Matrix

C3-Pull Ups w/ band

STRENGTH CIRCUIT #3

CIRCUIT #3

3 x 8-10 reps each. Use heavy weight!

A1-Push-Up Row w/ dumbbells/kettlebells

A2-One-Arm High Pulls w/ dumbbell

A3-Bent Reverse Fly w/ dumbbell

B1-Arm Curls w/ dumbbells

B2-Kettlebell Swing

B3-Bar Dips

C1-Upright Rows/ w/ barbell/kettlebell

C2-Dbl Leg "Down-Up" Box Jumps

C3-Pull Ups w/ band

MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
JUNE 15 MORNING SESSION Meet at Wagner Ranch Elementary School: 350 Camine Pablo, Orinda. Maintenance Run -Finess circuit #2. 20-25-30 min maintenance run out and back on Old San Pablo Trail (PRE-4). 4-6 x 100m STRIDES. AFTERNOON SESSION -5-10 min warm-up run (PRE-3)Strength circuit #2.	16 MORNING SESSION Meet at CHS lower field. LSD Reservoir Rim Trial Run -45-50-55-60 min sustained pace run (PRE=4.5) on the Rim Trial. TEAM ZOOM MEETING 7:00PM	17 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filmess circuit #1 Agricuit #1 Mary's campus to Bolinger Carryon Road, add- no loops around athletic fields if necessary (PRE-4). AFTERNOON SESSION For In mir warm-up run (PRE-5). Strendth circuit #1.	18 MORNING SESSION Meet at Lafayette Community Park: 480 St. May's Road. LCP Workout Run -Run essy (PRE=3-4) 35-40-45 min with some fun random tempo (PRE6-8) surges!	19 MORNING SESSION Meet at CHS tower field. Maintenance No. Fitness Circuit #225-30-35 min maintenance run (PRE=4). AFTERNON SESSION -5-10 min warm-up runStrength circuit #2.	20 MORNING SESSION Meet at Nimitz Way Trail Head, Inspiration Point, Tiden Park East Park Road, Orinda. LSD Wildcat Peak Rum 45-55-65 min sustained pace run (PRE≃4.5). Down Meadows Caryon Trail, Packrat Trail, and up Wildcat Peak Trail. Then back on Nimitz Way Trail.
JUNE 22 MORNING SESSION Meet at Wagner Ranch Elementary School: 350 Camino Pablo, Orinda. Maintenance Run Filness circuit #1. 25-30-35 min maintenance run out and back on Old San Pablo Trail (PRE=4). 4-6 x 100m STRIDES (PRE=5). AFTERNOON SESSION 5-10 min warm-up run (PRE=3)Strength circuit #1.	23 MORNING SESSION Meet across from St. Monica's Church: 101 Camino Pablo, Moraga. LSD Kings Trail Run 45-50-55-60 min sustained pace run (PRE=4.5) on King's Carryon loop. TEAM ZOOM MEETING 7:00PM	24 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filmess circuit #2 - 25-30-35 min maintenance run through St. Mary's campus to Bolinger Carryon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNOON SESSION -5-10 min warm-up run (PRE=3)Strength circuit #2.	25 MORNING SESSION Meet at Lafayette Community Park: 480 St. Mary's Road. LCP Workout Run 20 min warm up run (PRE=3-4)3-4 x 2 min easy, 2 min 20k pace (PRE=6), 1 min easy, 1 min 10k pace (PRE=7)10 min cool down run.	26 MORNING SESSION Meet at CHS lower field, Maintenance Run 1-Finess Circuit #1 2-53-03-50 minientenance run (PRE=4) followed by 4 x 20/60 second on/off HIT sprints (PRE=10). AFTERNOON SESSION 1-5-10 min warm-up run (PRE=3)Strength circuit #1.	27 MORNING SESSION Meet at Redwood Park Main Entrance: 7867 Redwood Road, Oakland. LSD French Trail Run -50-66-70 ma usatianed pace run (PRE=4.5). Up Orchard Trail, then right on French Trail. Short group down Chown Trail. Middle group down Fern Trail. Long group down Mill Trail. Then back on Stream Trail.
JUNE 29 MORNING SESSION Meet at Wagner Ranch Elementary School: 350 Camino Pablo, Orinda. Maintenance Run -Friness circuit #2. 25-30-35 min maintenance run out and back on Old San Pablo Trail (PRE=4). 6-8 x 100m STRIDES (PRE=9). AFTERNOON SESSION -5-10-15 min run (PRE=3.5)Strength circuit #2.	30 MORNING SESSION Meet at CHS lower field. LSD Reservoir Rim Trail Run =50-55-50-65 min sustained pace run (PRE=4.5) on the Rim Trail. TEAM ZOOM MEETING 7:00PM	JULY 1 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filness circuit #2. 30-35-40 min maintenance run through St. Mary's campus to Bolinger Carryon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNON SESSION 5-10-15 min un (PRE=3.5). Strength circuit #1.	2 MORNING SESSION Meet at Hidden Valley Park: Center Avenue, Martinez. HVP Timer Trial 20 min warm up run (PRE-3-4). 2-mile TIME TRIAL on HVP course! -10 min cool down run.	3 MORNING SESSION Meet at CHS lower field. Maintenance Run & HIT -Fitness Circuit #230.35-40 min maintenance run (PRE=4) followed by 4 x 20/60 second on/off HIT sprints (PRE=10). AFTERNON SESSION -510-15 min on (PRE=3.5)Strength circuit #2.	4 MORNING SESSION Meet at Oursan Trail Head, Briones Reservoir: 1907 Bear Creek Road, Lefayette Briones Reservoir Run -60-07-980 min sustained pace run (PRE=4.5). Go out and bekon Dear Creek Trail. Long group should get all the way across dam.
JULY 6 MORNING SESSION Meet at Wagner Ranch Elementary School: 330 Camino Pablo, Chinda. Maintenance Run Filness circuit #1. 25-30-35 min maintenance run out and back on Old San Pablo Trail (PRE-s). 6-8 tr 10m STRIBLES (PRE-s). AFTERNOON SESSION 5-10-15 min run (PRE-3). Strength circuit #1.	7 MORNING SESSION Meet across from St. Monica's Church: 101 Camino Pablo, Moraga. LSD Kings Trail Run -50-55-60-65 min austained pace run (PRE=4.5) on King's Canyon loop. TEAM ZOOM MEETING 7:00PM	8 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filmess circuit #2. 30,35.40 min maintenance run through St. Mary's campus to Bolinger Canyon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNOON SESSION -5-101-51 min run (PRE=3.5). Strength circuit #2.	9 MORNING SESSION Meet at Lafeyette Community Park: 480 St. Mary's Road. LCP Workout Run 20 min warm up run (PRE=3-4). 3-4 x 2 min easy, 3 min 20k pace (PRE=6), 1 min easy, 1 min 10k pace (PRE=7). 10 min cool down run.	10 MORNING SESSION Meet at CHS lower field. Maintenance Run & HIT - *30:33-40 min maintenance run (PRE-4) followed by 4: 2006 second enrieff HIT sprints (PRE-10). AFTERNOON SESSION -5-10-15 min run (PRE-3.5)Strength circuit #1.	11 MORNING SESSION Meet at Redwood Park Main Entrance: 7867 Redwood Road, Oakland. SSD Freach Trial Run -65-7-85 min sustained pace run (PRE-4.5). Up Orchard Trial, hen right on French Trail. Short group down Fen Trail. Middle group down Mill Trail. Long group all the way to West Ridge Trail and Skyline Gate. Then back on Stream Trail.
JULY 13 MORNING ESSION Meet at Wagner Ranch Elementary School: 350 Camino Pablo, Orinda. Maintenance Run -Fitness circuit #1, -30-35-40 min maintenance run out and back on Old San Pablo Trail (PRE=4)8-10x 100m STRIDES (PRE=9). AFTERNOON SESSION -5-10-20 min run (PRE=3.5)Strength circuit #2.	14 MORNING SESSION Meet at CHS lower field. LSD Reservoir Rim Trail Run -55-60-65-70 min sustained pace run (PRE=4.5) on the Rim Trail. TEAM ZOOM MEETING 7:00PM	15 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filmess circuit #2 30-35-40 min maintenance run through St. Mary's campus to Bolinger Canyon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNOON SESSION -5-10-20 min run (PRE=3.5). Strength circuit #3.	16 MORNING SESSION Meet at Lafayette Community Park: 480 St. Mary's Road. LCP Workout Run 20 min warm up run (PRE=3-4), 3-4 x 2 min easy, 4 min 20% pace (PRE=6), 1 min easy, 1 min 10k pace (PRE=7)10 min cool down run.	17 MORNING SESSION Meet at CHS lower field. Maintenance Run & HIT -Fitness Circuit #330.35-40 min maintenance run (PRE=4) followed by 4 x 30/60 second on/off HIT sprints (PRE=10). AFTERNOON SESSION -5-10-20 min run (PRE=3.5)Strength circuit #2.	18 MORNING SESSION Meet at Castle Rock Trail Head: 1033 Castle Rock Road, Walnut Creek LSD Mt. Diablo Trail Run -70-80-90 min. sustained pace run (PRE=4.5). Run out on Castle Rock Trail. Long group return via Wall Point Trail.
JULY 20 MORNING SESSION Meet at Wagner Ranch Elementary School: 350 Camino Pablo, Orinda. Maintenance Run -Finess circuit #1, -30-35-40 min maintenance run out and back on Old San Pablo Trail (PRE=4). 8-10 x 100m STRIOES (PRE=9). AFTERNOON SESSION -\$-10.20 min run (PRE=3.5)\$Strength circuit #3.	21 MORNING SESSION Meet across from St. Monica's Church: 101 Camino Pablo, Moraga. LSD Kings Trail Run -55-60-65-70 min sustained pace run (PRE=4.5) on King's Canyon loop. TEAM ZOOM MEETING 7:00PM	22 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Maintenance Run Filness circuit #2. 35-40-45 min maintenance run through St. Mary's campus to Bolinger Carryon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNON SESSION 5-10-20 min nu (PRE=3.5)Strength circuit #3.	23 MORNING SESSION Meet at Lafayette Community Park: 480 St. Mary's Road. LCP Workout Run 20 min warm up run (PRE=3-4). 4-5.12 min easy, 1 min 10k pace (PRE=6), 1 min easy, 1 min 10k pace (PRE=7). 10 min cool down run.	24 MORNING SESSION Meet at CHS lower field. Maintenance Run & HIT -Fitness Circuit #330.35-40 min maintenance run (PRE=4) followed by 4 x 30/60 second on/off HIT sprints (PRE=10). AFTERNOON SESSION -5-10.20 min run (PRE=3.5)Strength circuit #3.	25 MORNING SESSION Meet at Redwood Park Main Entrance: 7867 Redwood Road, Oakland. ISD French Trail Run 75869 58 min sustained pace run (PRE=4.5). Up Orchard Trail, then right not French Trail. Short group down Fem Trail. Middle group down Mill Trail. Long group all the way to West Ridge Trail and Skyline Gate. Then back on Stream Trail.
JULY 27 - RUNNING CAMP WEEK MORNING RUN Meet at Wagner Ranch Elementary School: 330 Camino Pablo, Orinda. Maintenance Run -Finess circuit R1 -Finess circuit R3 -Fine	26 - RUNNING CAMP WEEK MORNING RUM Meet at CHS lower field. I.SD Neserouri Rm Trial Run -55-60-6-70 min sustained pace run (PRE-4.5) on the Rim Trial. I.0-00AM ZOOM SEMINAR -HSU Virtual with Jamey Harris: Patrick's Point HSU Presentation: Topic TBA 3:000PM ZOOM SEMINAR -HSU Brown ZOOM SEMINAR -HSU Strava Club Review -Daily Challenge Winners -HOKA Athlete Panel Discussion moderated by Lao Manzano -Preview Wednesday's Theme/Strava Challenge	20 - FUNNING CAMP WEEK MORNING RUM Meet at Moraga Commons: 1425 St. Mary's Road, Moraga. Manitenance Run Finness circuit #2 Fin	30 - RUNNING CAMP WEEK MORKING RUM Meet at Hidden Valley Park: Center Avenue, Martine. HVP Time Title 20 min warm up run (PRE-3-4)3-mile Tilled Tilled, on HVP coursel -10 min cool down run. 10-00AM ZOOM SEMIMAR -HSU Virtual with Jamey Harris: Tall Trees -HSU Presentation: Topic TBA 3-00PM ZOOM SEMIMAR -HSU Strava Club Review -0-ality Challenge Winners -HOLA Athlete Panel Discussion moderated by Lco Marzaca by Lco Marzaca -Preview Friday's Themel'Strava Challenge	31 - FUNNING CAMP WEEK MORNING RUM Meet at CHS lover field. Maintenance Run & HIT - Finness Circuit - 7- 30-33-40 min maintenance run (PRE-4) 100 med 29 44 3060 second on/off HIT sprints (PRE-10). 10-00AM ZOOM SEMINAR -HSU Virtual with Jamey Harris: Donut Relay -HSU Presentation: Topic TBA ATTERNOON SESSION 5-10-20 min run (PRE-3-5). Strength circuit #3. 7-00PM ZOOM SEMINAR -HSU Strava Club Review -Daily Challenge Winners -BSU Keynote Presentation: Topic TBA	AUGUST 1 MORNING RUN Meet at Oursan Trail Head, Briones Reservoir: 1907 Bear Creek Road, Lafsyette. Briones Neservoir Run 480-90-100 min. sustained pace run (PRE=4.5). Short groups run and and back on Bear Creek Trail. Long groups run sround reservoir, out on Oursan Trail, across dam and back on Bear Creek Trail.
AUGUST 3 MORNING SESSION Meet at Wagner Ranch Elementary School: 350 Camino Pablo, Orinda. Maintenance Run -Fitness circuit #3. 35-40-45 min maintenance run out and back on Old San Pablo Trait (PRE-4). 110-12 x 100m STRIDES (PRE-9). AFTERNOON SESSION -5-10-20 min run (PRE-3.5)Strength circuit #2.	4 MORNING SESSION Meet across from St. Monica's Church: 101 Camino Pablo, Moraga. LSD Kings Trail Run -55-60-65-70 min sustained pace run (PRE=4.5) on King's Canyon loop. TEAM ZOOM MEETING 7:00PM	5 MORNING SESSION Meet at Moraga Commons: 1425 St. Mary's Road, Moraga Maintenance Run Filmess circuit #2 -35-40-45 min maintenance run through St. Mary's campus to Bolinger Canyon Road, add- on loops around athletic fields if necessary (PRE=4). AFTERNOON SESSION -5-10-20 min run (PRE=3.5). Strength circuit #3.	6 MORNING SESSION Meet at Lafayette Community Park: 480 St. Mary's Road. LCP Workout Run 20 min warm up run (PRE=3-4). 4-5 x 2 min easy, 4 min 20% pace (PRE=6), 1 min easy, 1 min 10% pace (PRE=7)10 min cool down run.	7 MORNING SESSION Meet at CHS lower field. Maintenance Run & HIT -Filness Circuit #3 -30-35-40 min maintenance run (PRE 4) followed by 4 x 30/60 second on/off HIT sprints (PRE=10). AFTERNOON SESSION -5-10-20 min run (PRE=3.5)Strength circuit #2.	8 MORNING SESSION Meet at Campolindo Track Stadium: Campolindo Drive, Moraga 3200m Time Trial 320 min warm up run (PRE-3-4), 3200 meter TIME TRIAL on track. 20 min cool down run.