

# 5K 45 - 55 MILES

A 12 week plan designed for runners who have been running 35 - 45 miles per week. If you have been running fewer than 45 miles per week, you should follow the b

The primary focus of the plan is to improve your VO2 Max and race specific fitness. Secondary priorities include increasing long runs and overall mileage and impro

Start Date: **September 4**

*Set the starting date in cell C2. Rows 3 will automatically update with the correct dates and days of the week.*

Week	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY	SUNDAY
1	<p>Rest or Cross-Training</p> <p>Not running is just as important as fitting in that long run. Rest days help strengthen your body, sharpen your focus, and reinvigorate your spirit so that you actually want to keep training.</p>	<p>General Aerobic</p> <p>7 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.</p>	<p>Lactate Threshold</p> <p>8 miles total. Warm up. Main Set: 3 x 8 mins @ 100% CP, with 3 minutes jog. Cool down.</p> <p>Sustained tempo efforts help build endurance and economy. This should be a comfortably uncomfortable pace.</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic + Speed</p> <p>7 miles @ 75 - 85% CP, in the middle, do 6 x 10 uphill sprint followed by 8 x 100m strides</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>Endurance</p> <p>10 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>
2	<p>Rest or Cross-Training</p> <p>The big reason you need the rest day is for recovery and recuperation. Every time you run, your body has to adapt to get stronger.</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>VO2 Max</p> <p>9 miles total. Warmup. Main set: 6 x 3mins uphill @ 5K power (100-105% CP), jog downhill for recovery. Cool down.</p> <p>Hill repeats are really speed work in disguise. Hills are a great way to build speed and power on tired legs. The power required to run up a hill is the same to run fast, but the leg speed can be lower. A grade of about 6-8% is ideal, but you can play with speed and gradient to keep the workout</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic + Speed</p> <p>7 miles @ 75 - 85% CP, in the middle, do 6 x 10 uphill sprint followed by 8 x 100m strides</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>Endurance</p> <p>10 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>

3	<p>Rest or Cross-Training</p> <p>If you don't have time to recharge, it can lead to staleness and general apathy about training.</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.</p>	<p>Lactate Threshold</p> <p>9 miles, 3 * 10 mins @ 100% CP, with 3 minutes jog.</p> <p>Sustained tempo efforts help build endurance and economy. This should be a comfortably uncomfortable pace.</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>	<p>Recovery</p> <p>5 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>Speed</p> <p>8 miles total. Warm up. Main set: 2 sets of 4 x 300 @ 800m - mile intensity. Easy jog for 300 meters between repeats and 4 minutes between sets. Cool down.</p> <p>Short burst today, short intervals above your 5k power, with much less rest than before. You will feel these tomorrow!</p>	<p>Endurance</p> <p>10 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>
4	<p>Rest or Cross-Training</p> <p>Not running is just as important as fitting in that long run. Rest days help strengthen your body, sharpen your focus, and reinvigorate your spirit so that you actually want to keep training.</p>	<p>General Aerobic</p> <p>7 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.</p>	<p>Speed</p> <p>8 miles total. Warm up. Main Set: 2 sets of 5 x 200m @ 800m - mile intensity. Easy jog for 200 meters between repeats and 4 minutes between sets. Cool down.</p> <p>Short burst today, short intervals above your 5k power, with much less rest than before. You will feel these tomorrow!</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>
5	<p>Rest or Cross-Training</p> <p>The big reason you need the rest day is for recovery and recuperation. Every time you run, your body has to adapt to get stronger.</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>VO2Max</p> <p>9 miles total. Warm up. Main Set: 5 x 1000 @ 100% - 105% (5K power), jog 50% - 90% interval time recovery. Cool down.</p> <p>Time for some speed work! You will be doing some intervals at or above your 5k pace, with a longer rest period in between. This will start to get your body used to doing some fast running and help build speed</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>	<p>Recovery</p> <p>5 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic + Speed</p> <p>8 miles @ 75 - 85% CP, in the middle, do 6 x 10 uphill sprint followed by 8 x 100m strides</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>Endurance</p> <p>11 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>

6	Rest or Cross-Training  If you don't have time to recharge, it can lead to staleness and general apathy about training.	General Aerobic  8 miles @ 75 - 85% CP  A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.	Lactate Threshold  9 miles with 20 minutes in the middle as tempo run ( 95% - 105% CP).  Lactate Threshold runs are used to help get use comfortable with pushing our pace. In these runs we will be spending time slightly below our race pace.	Endurance  9 miles @ 80 - 90% CP  Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.	Recovery  6 miles @ < 80 CP  You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.	VO2Max  8 miles, 8 * 600 @ 100% - 105% 5K power, jog 50% - 90% interval time recovery.  Time for some speed work! You will be doing some intervals at or above your 5k pace, with a longer rest period in between. This will start to get your body used to doing some fast running and help build speed	Endurance  11 miles @ 80 - 90% CP  Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.
7	Rest or Cross-Training  Not running is just as important as fitting in that long run. Rest days help strengthen your body, sharpen your focus, and reinvigorate your spirit so that you actually want to keep training.	General Aerobic  8 miles @ 75 - 85% CP  A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.	VO2Max  9 miles total. Warm up. Main set: 4 x 1000 then 2 x 800 @ 100% - 105% (5K power), jog 50% - 90% interval time recovery. Cool down.  Time for some speed work! You will be doing some intervals at or above your 5k pace, with a longer rest period in between. This will start to get your body used to doing some fast running and help build speed	Endurance  10 miles @ 80 - 90% CP  Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.	Recovery  6 miles @ < 80 CP  You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.	General Aerobic + Speed  9 miles @ 75 - 85% CP, in the middle, do 2 sets of 6 x 100m strides with 3 minutes jog recovery between sets  A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength	Endurance  11 miles @ 80 - 90% CP  Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.
8	Rest or Cross-Training  The big reason you need the rest day is for recovery and recuperation. Every time you run, your body has to adapt to get stronger.	General Aerobic + Speed  9 miles, in the middle, do 2 sets of 5 x 150m strides with 250m recovery jog and 3 minutes jog recovery between sets  A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength	General Aerobic  8 miles @ 75 - 85% CP  A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.	Recovery  7 miles @ < 80 CP  You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.	Recovery  4 miles @ < 80 CP  You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.	5k tune up race  9 miles  Here we go, full on 5k as fast as you can go. This run will help us estimate your future 5k power.	Endurance  9 miles @ 80 - 90% CP  Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.

9	<p>Rest or Cross-Training</p> <p>If you don't have time to recharge, it can lead to staleness and general apathy about training.</p>	<p>General Aerobic</p> <p>9 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>VO2Max</p> <p>10 miles total: Warm up. Main set: 2 sets of (1200m + 800m + 800m), all intervals @ 100% - 105% CP (5K power), jog 50% - 90% interval time recovery. Cool down.</p> <p>Time for some speed work! You will be doing some intervals at or above your 5k pace, with a longer rest period in between. This will start to get your body used to doing some fast running and help build speed</p>	<p>Endurance</p> <p>10 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>	<p>Recovery</p> <p>6 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic + Speed</p> <p>9 miles @ 75 - 85% CP, in the middle, do 2 sets of 6 x 100m strides with 200m jog recovery and 4 minutes jog recovery between sets</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>Endurance</p> <p>11 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>
10	<p>Rest or Cross-Training</p> <p>Not running is just as important as fitting in that long run. Rest days help strengthen your body, sharpen your focus, and reinvigorate your spirit so that you actually want to keep training.</p>	<p>General Aerobic + Speed</p> <p>9 miles @ 75 - 85% CP, in the middle, do 2 sets of 5 x 150m strides with 250m recovery jog and 3 minutes jog recovery between sets</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Adding some strides to keep the speed feel with your leg.</p>	<p>Recovery</p> <p>7 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>5k tune up race</p> <p>9 miles total including warmup, race, and cool down.</p> <p>Here we go, full on 5k as fast as you can go. This run will help us estimate your future 5k power.</p>	<p>Endurance</p> <p>9 miles @ 80 - 90% CP</p> <p>Fast running requires a lot of endurance as well. 5K is short in comparison to many road races, but it is still a long way. With all of the focus on speedwork, the endurance runs will tend to be at the lower end of zone 2. When we run fast, we run really fast. But when we run easy, we run really easily.</p>

11	<p>Rest or Cross-Training</p> <p>The big reason you need the rest day is for recovery and recuperation. Every time you run, your body has to adapt to get stronger.</p>	<p>General Aerobic</p> <p>7 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>Recovery</p> <p>5 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>VO2Max</p> <p>9 miles total: Warm up. Main Set: 5 x 1000 @ 100% - 105% CP (5K power), jog 50% - 90% interval time recovery. Cool down.</p> <p>Time for some speed work! You will be doing some intervals at or above your 5k pace, with a longer rest period in between. This will start to get your body used to doing some fast running and help build speed</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>General Aerobic + Speed</p> <p>6 miles @ 75 - 85% CP, in the middle, do 8 x 100m strides</p> <p>A certain repetition of short and maximal efforts with the goal to increase neuromuscular recruitment and maximum specific strength</p>	<p>General Aerobic</p> <p>8 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>
12	<p>Race Pace + Speed</p> <p>7 miles with 4 x 100m strides then 800m @ 5k target power</p>	<p>General Aerobic</p> <p>6 miles @ 75 - 85% CP</p> <p>A nice steady block of sustained base running at the low end of Zone 2. Add in some strides to keep the feel of speed in your legs.</p>	<p>Recovery</p> <p>5 miles @ &lt; 80 CP, with 4 x 100 strides in the middle</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p>Rest</p> <p>Not running is just as important as fitting in that long run. Rest days help strengthen your body, sharpen your focus, and reinvigorate your spirit so that you actually want to keep training.</p>	<p>Recovery</p> <p>4 miles @ &lt; 80 CP, with 4 x 100 strides in the middle</p> <p>You have done a lot of great work. Make sure you relax on these easy runs and just keep the legs moving and blood flowing.</p>	<p><b>Goal Race</b></p>	

**NOTES**

---



---



---



---



---

**TO DO**

---



---



---



---



---

