





















Type of Exercise		Intensity	Rest between intervals	Main Effect	Time for Effect	
C A P A	Aerobic	Easy	short	Increase muscles ability to use oxygen for energy production Î MVO2max	At least 2 months	
C I T Y	Anaerobic	Very hard	Long	Increase lactate production rate Î VLamax	At least 4 months, wi be longer the stonge your anerobic capacit	
P O ₩ E R	Aerobic	Hard	Very short	Increase the percentage of aerobic acpacity you can sustain for your climb ît %-use MVO2max	About 1-2months	
	Anaerobic	Max	Very short	Increase the percentage of anarobic capacity you can sustain for your climb ît %-use VLamax	About 1-2 months	

Ferceiveu Faligue Scale								
Type of Training		Levels	Pumped Feeling					
		L1	No pump Climb all day at this intensity					
Endurance	= Aerobic capacity	L2	Slight pump No need to shake out					
		L3	Moderate pump Shake out perhaps once					
Strength & Power	= Aerobic Power and Anaerobic capacity	L4	Very pumped Need to shake several times					
Endurance		L5	Extremely pumped Fully boxed and close to coming off					

Essentials of Aerobic Capacity Workouts Warm up - very thoroughly. 'Shock' the system at the beginning of each set with some high intensity climbing – i.e. hard (for you) route on-sight or a few hard boulder problems in quick succession. High volume, low to moderate intensity work. This should be the major part of the exercise. Climb routes well within your ability, always leading (top roping is too fast). Keep rest times between routes short.





Essentials of Anaerobic Capacity Workouts

- 1. Warm up very thoroughly
- 2. Short intervals (5 -15 moves)
- 3. High intensity for the major part of the exercise, typically climbing close to your maximum (90%)
- 4. Long rest between intervals, at least as long as the duration of the interval if not twice as long
- 5. Passive rest between intervals



	Aerobic Ca	apacity (AEC)	Aerobic P	ower (AEP)	Anaerobi (Al	c Capacity NC)	Anaerobic	Power (ANP
				INTI	ENSITY			>
Type of climber	Boulderer	Route climber	Boulderer	Route climber	Boulderer	Route climber	Boulderer	Route climbe
Volume/set	Long	Very long	Approx Event/	Comp. distance	Moderate	Long	Approx Event	Comp. distance
Interval volume	Short (20-50 M)	Long (50-300 M)	Short progresses to Long (10-20 M) → (20-60 M)		Short (10-15 M)		Very Short (5-10 M)	
Intensity	Extensive (easy) with intensive short shock interval at the beginning		Event/Comp Difficulty		Intensive nearly all-out		All-out (brick hard)	
Rest between intervals	Short (20-40s) (10-20s)		Short progress to V.Short (30-45s) (10-20s)		One to two times greater than exercise time (60s-1:30min)		Very Short (10-20s)	
Training sesison examples:	8×10M R=20s 1, 3 hard	a) 2x300M @ L2 b) 2x(6x50M) alternating each 50M @ L1, L3	a) 6x10M R=45s to b) 3x20M R=15s	a) 2x(4x10M) @ L4 to b) 3x(4x20M) @ L5	a) 3x(4x15M) @ L5 to b) 6x(3x10M) @ L5	a) 3x(4x20M) @ L3/4 b) 3x(4x10M) @ L4/5	a) 3x(5x5M) @ L5 b) 4x(4x10M) @ L5	



