Sleep and the Lifecycle of an Athlete

LTAD Stage Specific Sleep Recommendations	Sleep Recommendations			
	Duration (hrs/night)	Quality	Phase	Key Points
Active Start (Females & M ales 0-6 years)	13-16	Establish and maintain a sleep/nap routine Ensure a comfortable/safe sleep environment Avoid stimulation 1-2 hrs before bed; minimize "screen time"	Consolidate nighttime sleep period Decrease naps to 1-2/day in the first year Natural light exposure first thing in the morning	Establish stable sleep routines and a bedtime routine Use a sleep transition object Introduce independent sleep initiating behaviors
FUNdamentals (Females 6-8, Males 6-9)	10-11 + 30 min nap between 2-4pm	Maintain a regular sleep/nap routine Ensure a comfortable sleep environment Establish independent sleep initiating behaviors Observe sleep for sleep disorders	Establish a neutral sleep pattern between 9pm and 8am Encourage predictable afternoon nap/rest Establish reliable meal routines (breakfast is the most important meal of the day)	Reinforce 15-30 min bedtime routine Avoid stimulation 1-2 hours before bed, control "screen time" Good nutrition and meal routines reinforce sleep routines
Learn to Train (Females 8-11, Males 9-12)	9.5-10 + 30 min nap between 2-4pm	Maintain a regular sleep/nap routine Ensure a comfortable sleep environment Observe sleep for sleep disorders	Maintain Neutral sleep pattern Get early morning light exposure for 30 min. daily* Maintain reliable nutrition routines (breakfast is the most important meal of the day)	Maintain 15-30 min. bedtime routine Monitor and control "screen time" Monitor caffeine intake
Train to Train (Females 11-15, Males 12-16)	9 + 30 min nap between 2-4pm	Ensure a comfortable sleep environment Initiate regular napping strategy Monitor for excessive sleepiness and fatigue Observe sleep for sleep disorders	Maintain a regular sleep/nap routine Get early morning light exposure for 30 min. daily* Monitor for a delayed sleep phase (difficulty falling asleep and waking up for school) Maintain reliable nutrition routines (breakfast is the most important meal of the day)	 Reinforce the importance of sleep routine Monitor for cumulative sleep debt (<9 hours/night or <56 hours/week) Monitor caffeine intake Do not train on an unrested body
Train to Compete (Females 15-21 +/-, Males 16-23 +/-)	8 - 10 + 30 min nap between 2 - 4pm	 Ensure a comfortable sleep environment when travelling and competing Monitor for competition stress and anxiety → insomnia Monitor for excessive sleepiness and fatigue Observe sleep for sleep disorders 	Maintain regular sleep/nap routine Monitor for a delayed sleep phase (difficulty falling asleep and waking up for school) Get early morning light exposure for 30 min. daily Maintain reliable nutrition routines (breakfast is the most important meal of the day)	 Focus on reducing sleep debt. Get 56-70 hours of sleep/week Do not train if unrested and sleep deprived Avoid technology (screen time) before bed If your sleep is poor seek help
Train to Win (Females 18+, Males 19+)	8-10 hrs + 30 min nap between 2-4pm	 Ensure a comfortable sleep environment when travelling and competing Monitor for competition Stress & anxiety → insomnia Observe sleep for sleep disorders 	Maintain regular sleep/nap routine Monitor for a delayed sleep phase (difficulty falling asleep and waking up for school) Get early morning light exposure for 30 min. daily* Maintain reliable nutrition routines (breakfast is the most important meal of the day)	Focus on reducing sleep debt. Get 56-70 hours of sleep/week Do not train if unrested and sleep deprived Avoid technology (screen time) before bed If your sleep is poor get help
Active for Life (Any age participant)	7-9 + 30 min nap between 2-4pm	 Maintain a regular sleep/nap routine keep your sleep debt to a minimum Ensure a comfortable sleep environment If your sleep is poor quality seek help! 	 Maintain a regular sleep schedule Get early morning light exposure for 30 min daily Maintain reliable nutrition routines (breakfast is the most important meal of the day) 	 Get your sleep! Maintain meal routines and always eat breakfast Learn to nap Do not train if you are fatigued or sleep deprived