



# FUNDAMENTALS OF SNOWSPORTS



**Ski**



**Snowboard**



**Telemark**

❄	Control the relationship of the <b>center of mass to the base of support</b> to direct the pressure along the length of the ski	Control the relationship of the <b>center of mass to the base of support</b> to direct pressure along the length of the board	Control the fore/aft relationship of the <b>center of mass to the base of support</b> to manage pressure along the length of the skis.
❄	Control pressure from ski to ski & <b>direct pressure toward the outside ski</b>	Control the relationship of the <b>center of mass to the base of support</b> to direct pressure along the width of the board	Control the <b>lateral relationship of the center of mass to the base of support</b> to manage pressure from ski to ski
❄	Control edge angles through a combination of <b>inclination &amp; angulation</b>	Control the board's tilt through a combination of <b>inclination &amp; angulation.</b>	Control edge angles through a combination of <b>inclination &amp; angulation.</b>
❄	Control the skis <b>rotation</b> (turning, pivoting, steering) with leg rotation, separate from the upper body	Control the board's <b>pivot</b> through flexion/extension & rotation of the body.	Control the turning of the skis with <b>rotation</b> of the feet and legs in conjunction with discipline in the upper body.
❄	Regulate the <b>magnitude of pressure</b> created through ski/snow interaction	Control the <b>magnitude of pressure</b> created through the board/surface interaction	Regulate the <b>amount of pressure</b> created through ski/snow interaction with flexion & extension movements
<p><b>“ RESULTS ”</b></p> <ul style="list-style-type: none"> <li>  Consistent Speed &amp; Control</li> <li>  Connected &amp; Rounded Turns of various sizes</li> <li> Parallel turns with simultaneous foot tipping/steering of both feet</li> </ul>		Control <b>torsional</b> flex of the board ❄ using flexion/extension & rotation of the body.	❄ Control the size, duration, intensity, rate, & timing of the <b>lead change</b> to manage fore/aft stability.
		Smooth transition from edge to edge while keeping the board in contact with the snow	Pole Touch (if used), complements turn in timing & direction of travel