

<b>ID</b>	2030
<b>Curricular Unit</b>	Perceptual-Motor Development
<b>Regent</b>	João Manuel Pardal Barreiros
<b>Learning Outcomes</b>	<ol style="list-style-type: none"> <li>1. Understanding the classical approaches of perception</li> <li>2. Understand the approach of ecological psychology</li> <li>3. Knowing the perceptual-motor variables studied more</li> <li>4. Understand the theoretical contradictions between theoretical perspectives</li> <li>5. Knowing the most common methods of study</li> </ol>
<b>Syllabus</b>	<p>Methods of study of perceptual processes</p> <p>The perception-action cycle</p> <p>The work of James Gibson and Esther Thelen. The experimental designs of G. Savelsbergh as a paradigm of study of variables of perception-action.</p> <p>Different perceptual systems and perceptual complementarity. The special case of visual perception system and the haptic system.</p> <p>Of experiments in the perception-action motor development approach.</p> <p>Perceptual functions in Postural, Locomotor and Manipulative development.</p> <p>The notion of affordance and experimental applications.</p>
<b>Evaluation</b>	Theme-working preparation.
<b>Bibliography</b>	<p>Adolph, K. E., &amp; Avoilo, A. M. (2000). Walking infants adapt locomotion to changing body dimensions. <i>Journal of Experimental Psychology: Human Perception and Performance</i>, 26, 1148-1166.</p> <p>Barreiros, J. &amp; Silva, P. (1995). Hand size and grasping in infants. In B.G. Bardy, R.J. Bootsma and Y. Guiard (Eds.), <i>Studies in Perception and Action III</i> (pp. 141-1449). New Jersey: Lawrence Erlbaum.</p> <p>Cesari, P., Formenti, F., &amp; Olivato, P. (2003). A common perceptual parameter for stair climbing for children, young and old adults. <i>Human Movement Science</i>, 22, 111-124.</p> <p>Connolly, K.J. (1986). A perspective on motor development. In M.G. Wade &amp; H.T.A. Whiting, <i>Motor Development in Children: Aspects of Coordination and Control</i> (pp. 3-21). Netherlands: Martinus Nijhoff Publishers.</p> <p>Gibson, E., J., &amp; Pick, A. D. (2000). <i>An ecological approach to perceptual learning and development</i>. New York: Oxford University Press.</p> <p>Gibson, J. J. (1977). The theory of affordances. In R. Shaw e J. Bransford (Eds.) <i>Perceiving</i> Ac</p>