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Chapter 5

LEARNING TO DELIVER HIGH QUALITY TEACHING IN PHYSICAL EDUCATION AND SPORTS

José Leandro Tristán Rodríguez¹,*
Athanasios (Sakis) Pappous²,
Argenis P. Vergara-Torres¹, Inés Tomas³
and Jeanette López Walle¹

¹Faculty of Sports Organization, Universidad Autónoma de Nuevo León, Nuevo León, Mexico

² Department of Sport & Event Management, Bournemouth University, Dorset, UK ³Faculty of Psychology, University of Valencia, Valencia, Spain

ABSTRACT

Providing quality criteria for learning tasks at the time of instruction is fundamental to the learning process of students and athletes in physical education and sport. During the presentation of the tasks the quality criteria of the learning activities should be communicated, while the corrective feedback given by teachers/coaches should focus on the quality aspects of the task or process performance [1, 2]. The learning of the students/athletes may be more influenced by the combination of the presentation of quality tasks and the feedback given by the teacher [3]. The presentation of the tasks has to have the following fundamental quality components: a structure, a cognitive approach, a careful selection of information, an explanation and demonstration at the same time [4-6]. The presentation of tasks is one of the teacher's activities that has the potential to impact on the psychological health of athletes and not only as a pedagogical aspect that seeks sports performance [5]. An optimal teaching in physical education and sport it is not only influenced by the presentation of the tasks but also by the type and quality of the feedback, which should lead to improved motor performance and cognitive learning [7].

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^{*} Corresponding Author's E-mail: jose.tristanr@uanl.mx.

However, providing corrective feedback, due to its negative nature, could lead to unwanted repercussions on students [1], which depends on how the corrective feedback is perceived by students [1, 2, 8, 9]. Providing corrective feedback using an interpersonal style that supports autonomy and is perceived as legitimate will allow athletes to be more willing to work on their mistakes rather than feel compelled to do so [1, 2, 10] and will consider the teacher's corrective feedback as an opportunity to learn and improve [2, 10]. In conclusion, it is important that the coach focuses on making clear the quality criteria of the learning tasks during the presentation of the tasks. It also crucial that when corrective feedback is provided, and effort is being made to ease its acceptance by the students and that this is communicated in a fashion that supports autonomy and that it is related to the cognitive approach or practice intention transmitted in the presentation of the tasks.

Keywords: task presentation, corrective feedback, basic psychological needs, physical education, sports

Introduction

A common error of coaches when giving instructions is that they do so in a generic way, without specific reference to the quality criteria of the tasks [11], as well as having little clarity when addressing the athletes [5]. Clarity is a communicative competence that the coach must consider in order to express what he wants his players to achieve in the training/sessions and for the athletes to feel able to start participating in the learning tasks [5]. The communication of precise instructions is vital in the teaching of physical education and sport. In the presentation of the tasks, the quality criteria of the learning activities must be communicated, and the corrective feedback given by the teachers must focus on the quality aspects of the task or process [1, 2]. Students' learning may be more influenced by the combination of the presentation of quality assignments and the feedback given by the teacher [3].

An optimal presentation of the tasks should be considered by the teachers as an important aspect that impacts on the psychological health of the students and not only as a pedagogical aspect that seeks the development of cognitive-motor skills [6]. The presentation of the tasks [12], pre-practice information [13] or structure before the activity [14], is defined as the communication from the teacher to the players of "what to do and how to do it" before starting the practice of the tasks or activities [12]. The presentation of the task at the beginning of the session or at different times during the session should channel the attention of the athletes or students on the critical elements (signs) and make them aware of the main characteristics of the new learning task or skill [15]. It is an instructional activity that generally has the following structure: 1) an introduction where the meaning and importance of what is to be learned is communicated; 2) an organizational dimension where people, space, equipment and time for practice are organized; 3) the development of the task where it is explained and

giving corrective feedback, the teacher/coach must communicate it in a style that supports autonomy, so that regardless of the fact that the corrective feedback transmits a message of low competence, it is accepted by the students and they feel motivated to continue with the practice of the tasks. Taking these characteristics into account will help students/athletes to perceive themselves as more competent, autonomous in their actions and better related in the group, which in turn will promote psychological well-being in students/athletes in physical education and sport.

REFERENCES

- [1] Mouratidis A, Lens W, Vansteenkiste M. How you provide corrective feedback makes a difference: the motivating role of communicating in an autonomy-supporting way. *J. Sport Exerc. Psychol.* 2010;32(5):619-37.
- [2] Escobedo Rivers RM. Feedback, basic psychological needs and subjective vitality in high school football players of the UANL. Universidad Autónoma de Nuevo León: 2015.
- [3] Silverman S, Woods AM, Subramaniam PR. Task structures, feedback to individual students, and student skill level in physical education. *Res. Q. Exerc. Sport.* 1998;69(4):420-4.
- [4] Rink JE. Teaching physical education for learning. 8th ed. McGraw-Hill; 2019.
- [5] Tristán JL, López-Walle JM, Tomás I, Cantú-Berrueto A, Pérez-García JA, Castillo I. Development and validation of the coach's task presentation scale: A quantitative self-report instrument. *Psychol. Sport Exerc.* 2016;25:68-77.
- [6] Tristán J, Vergara-Torres AP, Vanegas-Farfano M, Espino-Verdugo F, Medina-Corrales M, Tomás I. Presentation of tasks by the teacher, psychological needs and subjective vitality in physical education students. *Cuad. Psicol. del Deport.* 2019;19(3):190-204.
- [7] Nicaise V, Bois JE, Fairclough SJ, Amorose AJ, Cogérino G. Girls' and boys' perceptions of physical education teachers' feedback: Effects on performance and psychological responses. *J. Sports Sci.* 2007;25(8):915-26.
- [8] Tristán J, Barbosa-Luna AE, González-Gallegos AG, Tomás I, López-Walle JM. Communicating the corrective feedback as legitimate, basic psychological needs and well-being of soccer players: A longitudinal analysis. In: North American Society for the Psychology of Sport and Physical Activity Abstract Supplement. San Diego: *J. Sport Exerc. Psychol.*; 2017. p. 321-2.
- [9] Tristán J, López-Walle JM, Balaguer I, Valdez H, Duda JL. Players perceptions of coaches corrective feedback and implications for athletes il-being. In: *Book of abstracts of 23rd Annual Congress of the European College of Sport Science*. Dublin: European College of Sport Science; 2018. p. 723-4.

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- [10] Valdez-goycolea HF, Tristán Ridríguez J, Ramírez Nava R, Vergara-Torres AP, López-walle J. Perception of corrective feedback by university players. *Emás F Rev. Digítal Educ. Física*. 2019;60(11):115-23.
- [11] Mesquita, I., Farias, C., Rosado, A., Pereira, F., Moreno M. The presentation of the tasks according to the academic formation of the football coaches. *Mot. Eur. J. Hum. Mov.* 2008;20:127-43.
- [12] Rink JE. Task presentation in pedagogy. Quest. 1994;46(3):270-80.
- [13] Hodges NJ, Franks IM. Modelling coaching practice: The role of instruction and demonstration. *J. Sports Sci.* 2002;20(10):793-811.
- [14] Haerens L, Aelterman N, Van den Berghe L, De Meyer J, Soenens B, Vansteenkiste M. Observing physical education teachers' need-supportive interactions in classroom settings. *J. Sport Exerc. Psychol.* 2013;35(1):3-17.
- [15] Coker CA. *Motor learning & control for practitioners*. 2nd ed. Holcomb Hathaway, Incorporated; 2009. 304 p.
- [16] Garza-Adame O, Tristán JL, Tomás I, Hernández-Mendo A, López-Walle JM. Presentation of tasks, satisfaction of basic psychological needs and well-being in university athletes. J. Behav. Heal Soc. Issues. 2017;9(1):13-20.
- [17] Curran T, Hill AP, Niemiec CP. A conditional process model of children's behavioral engagement and behavioral disaffection in sport based on self-determination theory. *J. Sport Exerc. Psychol.* 2013;35(1):30-43.
- [18] Deci EL, Ryan RM. *Intrinsic motivation and self-determination in human behavior*. New York: Premium press; 1985.
- [19] Deci EL, Ryan RM. The "What" and "Why" of Goal Pursuits: Human Needs and the Self-Determination of Behavior. *Psychol. Inq.* 2000;11(4):227-68.
- [20] Hein V, Koka A. Perceived feedback and motivation in physical education and physical activity. In: Hagger MS, Chatzisarantis NLD, editors. *Intrinsic Motivation and Self-Determination in Exercise and Sport*. Champaign, II: Human Kinetics; 2007. p. 127-40.
- [21] Balaguer I, González L, Fabra P, Castillo I, Mercé J, Duda JL. Coaches' interpersonal style, basic psychological needs and the well-and ill-being of young soccer players: A longitudinal analysis. *J. Sports Sci.* 2012;30(15):1619-29.
- [22] Deci EL, Ryan RM. *Handbook of Self-determination research*. New York, NY: The University Rochester Press.; 2002.
- [23] Reeve J, Jang H. What teachers say and do to support students' autonomy during a learning activity. *J. Educ. Psychol.* 2006;98(1):209-18.
- [24] Weinberg RS, Gould D. *Foudations of Sport and Exercise Psychology*. 5th ed. Champaign, II: Human Kinetics; 2011.
- [25] Carpentier J, Mageau GA. When change-oriented feedback enhances motivation, well-being and performance: A look at autonomy-supportive feedback in sport.

- *Psychol. Sport Exerc.* [Internet]. 2013;14(3):423-35. Available from: http://dx.doi.org/ 10.1016/j. psychsport.2013.01.003.
- [26] Carpentier J, Mageau GA. Predicting sport experience during training: The role of change-oriented feedback in athletes' motivation, self-confidence and needs satisfaction fluctuations. *J. Sport Exerc. Psychol.* 2016;38(1):45-58.
- [27] Skinner EA, Belmont MJ. Motivation in the Classroom: Reciprocal Effects of Teacher Behavior and Student Engagement Across the School Year. J. Educ. Psychol. 1993;85(4):571-81.
- [28] Sierens E, Vansteenkiste M, Goossens L, Soenens B, Dochy F. The synergistic relationship of perceived autonomy support and structure in the prediction of self-regulated learning. *Br. J. Educ. Psychol.* 2009;79(1):57-68.
- [29] Assor, A., Kaplan, H., & Roth G. Choice is good but relevance is excellent: Autonomy affecting teacher behaviors that predict students' engagement in learning. *Br. J. Educ. Psychol.* [Internet]. 2002;72:261-78. Available from: www.bps.org.uk.
- [30] Baumeister RF, Leary MR. The need to belong: Desire for interpersonal attachments as a fundamental human motivation. *Psychol. Bull.* 1995;117(3):497-529.
- [31] Ryan RM, Deci EL. Self-Determination Theory and the Facilitation of Intrinsic Motivation, Social Development, and Well-Being. *Am. Psychol.* 2000;55(1):68-78.
- [32] Bartholomew KJ, Ntoumanis N, Thøgersen-Ntoumani C. The controlling interpersonal style in a coaching context: Development and initial validation of a psychometric scale. *J. Sport Exerc. Psychol.* 2010;32(2):193-216.
- [33] Tristán Rodríguez José Leandro. The relationship of planning in the interaction on the behaviors of beginner and experienced teachers as well as their students in a case study. University of Murcia; 2010.
- [34] Chen W, Mason S, Staniszewski C, Upton A, Valley M. Assessing the quality of teachers' teaching practices. Educ Assessment, *Eval. Account.* 2012;24(1):25-41.
- [35] Ruiz F, Gómez-López M, Pappous A, Cárceles F, & Allende G. Dispositional goal orientation, beliefs about the causes of success and intrinsic satisfaction in young elite paddlers. *J. Human Kinetics*, 2010; 26: 123-136.