

# Influências na Educação Física

Adalberto Ferreira Junior  
(Organizador)



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**Adalberto Ferreira Junior**

(Organizador)

# **Influências na Educação Física**

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## APRESENTAÇÃO

Os profissionais de Educação Física devem compreender as diversas áreas de conhecimento, principalmente as ciências humanas e biológicas. Sendo assim, adquirir uma ampla fundamentação teórica é de extrema importância, tanto para a formação profissional quanto para sua aplicação no campo de atuação.

A obra “Influências na Educação Física” é um e-book composto por 35 artigos científicos, dividido em duas partes. A primeira intitulada “Aspectos das ciências humanas e suas contribuições com a Educação Física” apresenta reflexões sobre diversas temáticas como aspectos históricos, processo ensino-aprendizagem, epistemologia, psicologia, entre outros. A segunda parte intitula-se “Aspectos relacionados a saúde e empreendedorismo e suas contribuições com a Educação Física” e apresenta reflexões com ênfase na atividade física, saúde pública, qualidade de vida, epidemiologia empreendedorismo e promoção da saúde.

Este e-book reúne autores de todo o Brasil e de várias áreas do conhecimento. Os artigos abordam assuntos de extrema importância na Educação Física construindo assim um referencial sólido e diversificado, visando disseminar o conhecimento e promover reflexões sobre os temas investigados.

Por fim, desejo a todos uma excelente leitura

Adalberto Ferreira Junior

## SUMÁRIO

### **CAPÍTULO 1 ..... 1**

A CRÍTICA DO COLONIALISMO NAS AMÉRICAS COMO PERSPECTIVA EPISTEMOLÓGICA NOS ESTUDOS DOS JOGOS INDÍGENAS PATAXÓ

*Fábio Souza Vilas Boas*

*Thelmo de Carvalho Teixeira Branco Filho*

*Romeu Araujo Menezes*

*Francisco Eduardo Torres Cancela*

**DOI 10.22533/at.ed.9251802121**

### **CAPÍTULO 2 ..... 8**

A EDUCAÇÃO FAMILIAR DE ATLETAS DA REGIÃO DOS LAGOS E SUA INFLUÊNCIA SOBRE A ESCOLHA ESPORTIVA E DE VIDA

*Ricardo de Mattos Fernandes*

*Alexandre Motta de Freitas*

*Pedro Souza Alcebiádes*

**DOI 10.22533/at.ed.9251802122**

### **CAPÍTULO 3 ..... 21**

A ESCOLA PROMOVENDO UM PROCESSO CIVILIZADOR NA INCLUSÃO DO ALUNO SURDO NA AULA DE EDUCAÇÃO FÍSICA

*Eliane Maria Morriesen*

*Juliane Retko Urban*

*Débora Barni de Campos*

*Antonio Carlos Frasson*

**DOI 10.22533/at.ed.9251802123**

### **CAPÍTULO 4 ..... 30**

A IMPORTÂNCIA DO XADREZ COMO FERRAMENTA PEDAGÓGICA NA ESCOLA

*André Barbosa de Lima*

*Roberto Nobrega*

**DOI 10.22533/at.ed.9251802124**

### **CAPÍTULO 5 ..... 41**

ANÁLISE DOCUMENTAL DOS TRABALHOS ACADÊMICOS PUBLICADOS E EM ANDAMENTO OBTIDOS POR MEIO DAS AÇÕES DO PROJETO DE EXTENSÃO RUAS DE LAZER NA COMUNIDADE DA VILA DA BARCA NA CIDADE DE BELÉM-PA

*Alex Anderson Braga Gonçalves*

*Luiz Leopoldino Gonçalves Neto*

*Paulo Victor Nascimento Torres*

*Maria De Nazaré Dias Bello*

*Mariela De Santana Maneschy*

**DOI 10.22533/at.ed.9251802125**

### **CAPÍTULO 6 ..... 47**

AVALIAÇÃO EM EDUCAÇÃO FÍSICA: UMA VIA DE MÃO DUPLA?

*Lígia Maria Bacelar Schuck Vicenzi*

*André Ribeiro da Silva*

*Vânia Lurdes Cenci Tsukuda*

*Maikel Schuck Vicenzi*

*Eldernan dos Santos Dias*

*Guilherme Lins de Magalhães*

*Jitone Leônidas Soares*

**DOI 10.22533/at.ed.9251802126**

<b>CAPÍTULO 7 .....</b>	<b>58</b>
COMPARATIVO ENTRE O PERFIL DE DESENVOLVIMENTO MOTOR DE ESCOLARES REPETENTES E NÃO REPETENTES NOS ANOS INICIAIS DO ENSINO FUNDAMENTAL	
<i>Judite Filgueiras Rodrigues</i>	
<i>Carla Vasconcelos De Menezes</i>	
<i>Eder Menuzzi</i>	
<i>Lucas Kemmerich Dornelles</i>	
<b>DOI 10.22533/at.ed.9251802127</b>	
<b>CAPÍTULO 8 .....</b>	<b>66</b>
DESENVOLVIMENTO DO BEISEBOL NO BRASIL	
<i>Montenegro Barreto Jesús José</i>	
<b>DOI 10.22533/at.ed.9251802128</b>	
<b>CAPÍTULO 9 .....</b>	<b>79</b>
IMPLEMENTATION OF THE TEACHING PERSONAL AND SOCIAL RESPONSIBILITY MODEL THROUGH PHYSICAL ACTIVITY: A PILOT STUDY	
<i>Fábio Duarte Almeida</i>	
<i>Rosiane Karine Pick</i>	
<b>DOI 10.22533/at.ed.9251802129</b>	
<b>CAPÍTULO 10 .....</b>	<b>88</b>
INICIAÇÃO ESPORTIVA E ESPECIALIZAÇÃO PRECOCE: ALGUMAS PREOCUPAÇÕES	
<i>Euarda Fernanda Schorne Marques</i>	
<i>Carlos Kemper</i>	
<b>DOI 10.22533/at.ed.92518021210</b>	
<b>CAPÍTULO 11 .....</b>	<b>96</b>
INVESTIGANDO O E-SPORT: UMA NOVA TENDÊNCIA PARA JOVENS E ADULTOS	
<i>Vilmar Rodrigues dos Santos</i>	
<b>DOI 10.22533/at.ed.92518021211</b>	
<b>CAPÍTULO 12 .....</b>	<b>103</b>
O CONTEÚDO ESPORTE NAS AULAS DE EDUCAÇÃO FÍSICA COMO FERRAMENTA DE PROMOÇÃO DE DESENVOLVIMENTO INTEGRAL DO SER	
<i>Vânia Lurdes Cenci Tsukuda</i>	
<i>André Ribeiro da Silva</i>	
<i>Lígia Maria Bacelar Schuck Vicenzi</i>	
<i>Maikel Schuck Vicenzi</i>	
<i>Guilherme Lins de Magalhães</i>	
<i>Eldernan dos Santos Dias</i>	
<i>Roberto Lister Gomes Maia</i>	
<i>Jitone Leônidas Soares</i>	
<b>DOI 10.22533/at.ed.92518021212</b>	
<b>CAPÍTULO 13 .....</b>	<b>110</b>
O ENSINO DE EDUCAÇÃO FÍSICA ESCOLAR E A ERA DIGITAL: FERRAMENTAS TECNOLÓGICAS NA APRENDIZAGEM DISCENTE	
<i>Greici Fior</i>	
<i>Carmem Scorsatto Brezolin</i>	
<b>DOI 10.22533/at.ed.92518021213</b>	

**CAPÍTULO 14..... 122**

O ENSINO DO CONTEÚDO DANÇA NAS AULAS DE EDUCAÇÃO FÍSICA ESCOLAR: DIREITO, CONHECIMENTOS E POSSIBILIDADES

*Welyza Carla da Anunciação Silva*

*Ronaldo Silva Júnior*

*Nilza Cleide Gama dos Reis*

*Antonio José Araujo Lima*

**DOI 10.22533/at.ed.92518021214**

**CAPÍTULO 15..... 133**

O HISTÓRIO DA DANÇA E SUA IMPORTÂNCIA COMO UM DIREITO SOCIOCULTURAL ENQUANTO CONTEÚDO NAS AULAS DE EDUCAÇÃO FÍSICA: INTERVENÇÕES NO PROCESSO DE ENSINO APRENDIZAGEM

*Welyza Carla da Anunciação Silva*

*Ronaldo Silva Júnior*

*Nilza Cleide Gama dos Reis*

*Antonio José Araujo Lima*

**DOI 10.22533/at.ed.92518021215**

**CAPÍTULO 16..... 142**

O LEGADO AXIOLÓGICO DOS MEGAEVENTOS: APONTAMENTOS SOBRE A CONSTRUÇÃO PSICOLÓGICA DOS VALORES ESPORTIVOS

*Vinícius Bozzano Nunes*

**DOI 10.22533/at.ed.92518021216**

**CAPÍTULO 17..... 151**

O PROCESSO DE ENSINO-APRENDIZAGEM NAS MODALIDADES DE COMBATE

*Cesar Augusto Barroso de Andrade*

*Danilo Bastos Moreno*

*João Airton de Matos Pontes*

**DOI 10.22533/at.ed.92518021217**

**CAPÍTULO 18..... 164**

PERSPECTIVAS PARA DOCÊNCIA NO ENSINO SUPERIOR: A PRÁTICA PEDAGÓGICA EM DUAS UNIVERSIDADES PÚBLICAS DO NORDESTE

*Giselly dos Santos Holanda*

*Paula Roberta Paschoal Boulitreau*

*Rafaelle De Araújo Lima e Brito*

*Samara Rúbia Silva*

*Marcelo Soares Tavares de Melo*

**DOI 10.22533/at.ed.92518021218**

**CAPÍTULO 19..... 175**

PRAÇAS: ESPAÇOS DE LAZER E SOCIABILIDADE EM BARRA DO GARÇAS-MT

*Brenda Rodrigues da Costa*

*Minéia Carvalho Rodrigues*

**DOI 10.22533/at.ed.92518021219**

**CAPÍTULO 20..... 190**

TERRITÓRIO, IDENTIDADE, LAZER E JOGOS INDÍGENAS PATAXÓ

*Fábio Souza Vilas Boas*

*May Waddington Telles Ribeiro*

*Paulo Rogério Lopes*

**DOI 10.22533/at.ed.92518021220**

<b>CAPÍTULO 21</b> .....	<b>206</b>
A DANÇA COMO CONTEÚDO DA EDUCAÇÃO FÍSICA NA PREVENÇÃO DE DOENÇAS CARDIOVASCULARES	
<i>Wéveny Bryan da Silva Correia</i>	
<i>Morgana Alves Correia da Silva</i>	
<i>Lara Colognese Helegda</i>	
<b>DOI 10.22533/at.ed.92518021221</b>	
<b>CAPÍTULO 22</b> .....	<b>215</b>
A SATISFAÇÃO DE CLIENTES E O PROCESSO DE FIDELIZAÇÃO EM UMA ORGANIZAÇÃO DO FITNESS	
<i>Christian Pinheiro Da Costa</i>	
<b>DOI 10.22533/at.ed.92518021222</b>	
<b>CAPÍTULO 23</b> .....	<b>225</b>
ANÁLISE DO PROFISSIONAL DE EDUCAÇÃO FÍSICA COMO EMPREENDEDOR EM UMA ESCOLA DE ESPORTES NO DISTRITO FEDERAL	
<i>Kaê Fialho Coura</i>	
<i>Lucas Alves Oliveira</i>	
<i>Francielly Martins Prado</i>	
<i>Alexandre Lima de Araújo Ribeiro</i>	
<i>Américo Pierangeli Costa</i>	
<i>Leonardo Lamas Leandro Ribeiro</i>	
<b>DOI 10.22533/at.ed.92518021223</b>	
<b>CAPÍTULO 24</b> .....	<b>232</b>
ATRIBUIÇÕES E IMPORTÂNCIA DO PROFISSIONAL DE EDUCAÇÃO FÍSICA NA SAÚDE PÚBLICA	
<i>Gildiney Penaves de Alencar</i>	
<i>Maria da Graça de Lira Pereira</i>	
<i>Thiago Teixeira Pereira</i>	
<i>Cristiane Martins Viegas de Oliveira</i>	
<i>Camila Souza de Moraes</i>	
<i>Gabriel Elias Ota</i>	
<i>Fabiana Maluf Rabacow</i>	
<b>DOI 10.22533/at.ed.92518021224</b>	
<b>CAPÍTULO 25</b> .....	<b>239</b>
AVALIAÇÃO DA AGILIDADE COM ADOLESCENTES DE 13 A 16 ANOS PRATICANTES DE MODALIDADES ESPORTIVAS	
<i>Álvaro Luis Pessoa de Farias</i>	
<i>Divanalmi Ferreira Maia</i>	
<i>Marcos Antonio Torquato de Oliveira</i>	
<i>Mailton Torquato de Oliveira</i>	
<b>DOI 10.22533/at.ed.92518021225</b>	
<b>CAPÍTULO 26</b> .....	<b>246</b>
AVALIAÇÃO DA FORÇA DE PREENSÃO MANUAL EM PRATICANTES DE ARTES MARCIAIS	
<i>Ricardo Clemente Rosa</i>	
<i>Fabrcio Fatarone Brasilino</i>	
<i>Pedro Jorge Cortes Morales</i>	
<b>DOI 10.22533/at.ed.92518021226</b>	



<b>CAPÍTULO 27</b> .....	<b>254</b>
ELETROMIOGRAFIA E A FADIGA MUSCULAR: ANÁLISE DA COMPREENSÃO DE ALUNOS DO CURSO DE EDUCAÇÃO FÍSICA DA UNIVERSIDADE FEDERAL DE GOIÁS - REGIONAL CATALÃO	
<i>Raissa Cristina Pereira</i>	
<i>Neila Maria Mendes Borges</i>	
<b>DOI 10.22533/at.ed.92518021227</b>	
<b>CAPÍTULO 28</b> .....	<b>270</b>
IDENTIFICAÇÃO DOS PRINCIPAIS PROBLEMAS DO APARELHO LOCOMOTOR QUE ACOMETEM OS TRABALHADORES DA INDÚSTRIA TÊXTIL	
<i>Rayssa Lodi Mozer</i>	
<b>DOI 10.22533/at.ed.92518021228</b>	
<b>CAPÍTULO 29</b> .....	<b>281</b>
LESÃO POR PRESSÃO EM PACIENTES INTERNADOS EM UNIDADE DE TERAPIA INTENSIVA	
<i>Rafaela Trindade do Ó Caminha</i>	
<i>Maria do Livramento Silva Bitencourt</i>	
<i>Edienne Rosângela Sarmiento Diniz</i>	
<i>Davanice dos Santos</i>	
<b>DOI 10.22533/at.ed.92518021229</b>	
<b>CAPÍTULO 30</b> .....	<b>289</b>
LEVANTAMENTO PRELIMINAR DO QUANTITATIVO DE ARTIGOS QUE APRESENTEM A PRÁTICA DA DANÇA DE SALÃO APLICADA EM PACIENTES ONCOLÓGICOS	
<i>Manuela Trindade Almeida</i>	
<i>Natália Silva da Costa</i>	
<i>Alanna Carolinne da Silva</i>	
<i>Peterson Marcelo Santos Yoshioka</i>	
<i>Mariela de Santana Maneschy</i>	
<b>DOI 10.22533/at.ed.92518021230</b>	
<b>CAPÍTULO 31</b> .....	<b>295</b>
OS BENEFÍCIOS DA ATIVIDADE FÍSICA PARA CRIANÇAS COM DEFICIÊNCIA INTELECTUAL	
<i>Alana Simões Bezerra</i>	
<i>Lindalva Priscila de Sousa Lima</i>	
<b>DOI 10.22533/at.ed.92518021231</b>	
<b>CAPÍTULO 32</b> .....	<b>304</b>
OS EFEITOS DA HIDROGINÁSTICA NA QUALIDADE DE VIDA EM IDOSOS	
<i>Matheus Jancy Bezerra Dantas</i>	
<i>José Roberval de Melo Júnior</i>	
<i>Tháisa Lucas Filgueira Souza Dantas</i>	
<i>Paulo Victor dos Santos</i>	
<i>Julliane Tamara Araújo de Melo Campos</i>	
<b>DOI 10.22533/at.ed.92518021232</b>	
<b>CAPÍTULO 33</b> .....	<b>315</b>
PREVALÊNCIA DE DTM E HÁBITOS PARAFUNCIONAIS EM ESTUDANTES DE UMA INSTITUIÇÃO DE ENSINO SUPERIOR	
<i>Mathaus Andrey Cândido Custódio</i>	
<i>Anderson Santos Carvalho</i>	
<i>Washington Rodrigues</i>	
<i>Luis Carlos Nobre de Oliveira</i>	
<i>Ana Paula Nassif Tondato da Trindade</i>	
<b>DOI 10.22533/at.ed.92518021233</b>	

**CAPÍTULO 34..... 324**

PREVALÊNCIA DE INATIVIDADE FÍSICA E FATORES ASSOCIADOS EM UNIVERSITÁRIOS DA ÁREA DA SAÚDE

*Elayne Silva de Oliveira*  
*Francisca Bruna Arruda Aragão*  
*Zilane Veloso de Barros*  
*Camilla Silva Gonçalves*  
*Cíntia Sousa Rodrigues*  
*Emanuel Péricles Salvador*

**DOI 10.22533/at.ed.92518021234**

**CAPÍTULO 35..... 333**

RELEVÂNCIA DO TREINAMENTO DE FORÇA E SUAS VARIÁVEIS NOS MAIS DIVERSOS OBJETIVOS

*Gildiney Penaves de Alencar*  
*Maria da Graça de Lira Pereira*  
*Thiago Teixeira Pereira*  
*Cristiane Martins Viegas de Oliveira*  
*Camila Souza de Moraes*  
*Gabriel Elias Ota*

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**SOBRE O ORGANIZADOR ..... 342**

## IMPLEMENTATION OF THE TEACHING PERSONAL AND SOCIAL RESPONSIBILITY MODEL THROUGH PHYSICAL ACTIVITY: A PILOT STUDY

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**ABSTRACT:** A model that promotes the positive youth development through physical activity is the Teaching Personal and Social Responsibility (TPSR) model development by Hellison (1985 cited by HELLISON, 2011) that assist in the development of personal and social responsibility. The TPSR consists of five responsibility levels, (1) respecting the rights and feelings of others, (2) effort and cooperation, (3) self-directed, (4) leadership and (5) transfer outside the gym and depend on strategies and a daily program format. Therefore, the purpose of this study was to develop respect for the others, leadership and self-control by applying the TPSR in a sport program called Sport and Leisure Project in the Fatima Community (SLPFC) accomplished in the city of Caxias do Sul, state of Rio Grande do Sul, Brazil. The present study was characterized by a qualitative research of the pilot study type and was implemented in 3 classes of SLPFC being

group 1 being participants from 8 to 9 years, group 2 from 10 to 13 years and group 3 from 14 to 17 years. Positive changes were observed in the implementation of the TPSR in the SLPFC in the field of respect of the others, leadership and self-control, using the strategies and classroom formats provided by the model. The present study becomes the first implementation of TPSR in an after-school program background based in the physical activity in Brazil. However, there is a need to conduct more studies implementing the TPSR in Brazil, using some specific data collection tools and evaluation tools.

**KEYWORDS:** Personal and Social Responsibility; Respect; Leadership.

**RESUMO:** Um modelo que promove o desenvolvimento positivo de jovens através da atividade física é o Modelo de Ensino de Responsabilidade Social e Pessoal (MERSP) criado por Hellison (1985 apud HELLISON, 2011) que auxilia no desenvolvimento da responsabilidade social e pessoal. O MERSP é dividido em cinco níveis de responsabilidade, (1) respeitar o direito e sentimento dos outros, (2) esforço e cooperação, (3) auto direção, (4) liderança e (5) transferência do aprendizado para fora do programa e conta com estratégias e um formato diário de aula. Com isso, o objetivo do estudo foi desenvolver o respeito pelos outros, a liderança e o autocontrole implementando

o MERSP num programa chamado Projeto Esporte e Lazer na Comunidade Fátima (PELCF) realizado na cidade Caxias do Sul - RS/Brasil. O presente estudo se caracterizou como uma pesquisa qualitativa do tipo estudo piloto e foi aplicado em 3 turmas do PELCF sendo o grupo 1 os participantes de 8 a 9 anos, o grupo 2 os de 10 a 13 anos e grupo 3 os 14 a 17 anos. Observou-se mudanças positivas na implementação do MERSP no PELCF nas áreas de respeito pelos outros, liderança e autocontrole, utilizando-se das estratégias e formatos de aula previsto pelo modelo. O presente estudo torna-se a primeira implementação do MERSP no Brasil no cenário de um programa de atividade física após a escola. Destaca-se, no entanto, a necessidade de realização de mais estudos implementando o MERSP, utilizando alguns instrumentos de coleta de dados específicos e ferramentas de avaliação.

**PALAVRAS-CHAVE:** Responsabilidade Social e Pessoal; Respeito; Liderança.

## 1 | INTRODUCTION

The movement has much potential for development of young people by its highly emotional and interactive nature (MARTINEK; HELLISON, 2009; HELLISON, 2011). Team sports are inevitably interactive and can provide unique moments of joy and pleasure that would be difficult to exist without movement (BUCHANAN, 2001).

The premise that sport develops character, values, life and social skills is as old than the invention of many sports. However, even though there are numerous sports programs, this becomes real when these programs work not only the sport, but also life skills within organized and structured activities, that is, with a methodology and purpose that aim for positive youth development (HELLISON, 2000; LEE; MARTINEK, 2009; MARTINEK; HELLISON, 2009; HAYDEN et. al., 2012; JACOBS; WRIGHT, 2014).

Some studies report that sport and physical activity can be effective in producing positive motivational attitudes and pro-social behaviors in different environments, acting as a vehicle for achieving positive youth development (MARTINEK; HELLISON, 1997; HELLISON, 2000; HELLISON; WRIGHT, 2003; COULSON; IRWIN; WRIGHT, 2012; BUCKLE; WALSH, 2013).

A model that promotes the positive youth development through physical activity is the Teaching Personal and Social Responsibility (TPSR) model development by Hellison (1985 cited by HELLISON, 2011)<sup>1</sup> to help youths with problems to demonstrate more responsible socially and personally attitudes. Numerous studies show the effectiveness of programs based on the Hellison model, which focuses on working life skills and values through physical activity to help youths develop social and personal responsibility (HELLISON; WALSH, 2002; WALSH, 2008; WRIGHT; BURTON, 2008; WRIGHT; LI, 2009; ROMAR; HAAG; DYSON, 2015).

According to Woodcock (1948 cited by MARTINS, 2014) personal responsibility means accepting certain challenges as an individual inserted in society, hoping to

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<sup>1</sup> Modified by the author in 2011.

achieve them in the best possible way taking the consequences of their personal decisions. Social responsibility according to Berman (1997 cited by MARTINS, 2014) focuses on the relationship of people with others, with society and with the world, and also integrates the development of social life skills, ethics and character.

The TPSR implementation through physical activity assist in the development of personal and social responsibility of students. Hellison (1978; 2011) emphasizes that personal responsibility would be related to the development of these students, their own well-being, with self-control attitudes, effort and self-direction. Social well-being was related to attitudes of respect for the right and feelings of others and caring of the others. These two aspects would be contributions that sports programs could offer students, in addition to the performance and motor performance goals.

The TPSR consists of five responsibility levels in a flexible progression between levels: (1) respecting the rights and feelings of others, (2) effort and cooperation, (3) self-directed, (4) leadership and (5) transfer outside the gym. Within each level, Hellison (2011) presents specific contents of the levels along with implementation strategies, evaluation and structuring of the daily plan.

Examples of strategies include: changing the rules of sports (level 1); modify tasks (level 2); implement a personal planning setting objectives and goals in relation to the physical and behavioral part (level 3); teaching some task and peer teaching, having a caring and compassion and assuming a leadership behavior (level 4); and older students teaching about values for the youngsters (level 5) (PARKER; KALLUSKY; HELLISON, 1999; HELLISON, 2011).

In addition to these strategies, there are others related to problems that occur during classes and training. Level 1, when students cannot respect the rights and the feelings of the others, can be used the accordion principle, which means to have a logical consequence for something that the teacher has combined, and the student failed. Still at level 1, the teacher will be able to talk and solve the problems of the class with group, empowering them about the important aspects of learning for the development of values. At level 2, the challenges in which the teacher or colleague will do for their peers, as to perform certain task for concentration and motivation. At level 3, conversation is fundamental to empowering students to make decisions and to have self-control to resist peer pressure. At level 4, students are encouraged to take leadership roles in the group, demonstrating characteristics such as caring for others and compassion. At level 5, the teacher should be mindful of what happens outside the gym to be able to intervene and help the young people (PARKER; KALLUSKY; HELLISON, 1999; PARKER; HELLISON, 2001; HELLISON, 2011).

The TPSR has a daily program format to help the teacher or coach apply the concepts described above, such as: “Relational Time”, used before the class begins or at the end, where the teacher will have an open relationship with the student; “Awareness Talk” a brief conversation with the group listing some aspect about life skills or another important point; “Physical Activity Plan”, where the teacher or students

may be empowered to carry out their activity planning based on TPSR values; “Group Meeting” used at the end of the class or in the middle of the class with the purpose of the participants expressing their views and opinions; and last but not least, the “Reflection Time” that is characterized by the student’s own reflection on his or her behavior and if has reached any of the levels and may use a diary to report (PARKER; KALLUSKY; HELLISON, 1999; HELLISON, 2000, 2011; PARKER; HELLISON, 2001).

Therefore, the purpose of this study was to develop respect for the others, leadership and self-control by applying the TPSR in a sport program called Sport and Leisure Project in the Fatima Community (SLPFC) accomplished at a municipal elementary school in the city of Caxias do Sul, state of Rio Grande do Sul, Brazil.

## 2 | METHOD

The present study was characterized by a qualitative research of the pilot study type (THOMAS; NELSON; SILVERMAN, 2012).

Participated 300 students, 8 to 17 years old, both genders, which were divided into 15 classes composed of an average of 20 students per class. The participants were divided into age groups, with group 1 being participants from 8 to 9 years, group 2 from 10 to 13 years and group 3 from 14 to 17 years.

The Project lasted 8 months and was implemented in the gym and in the dance classroom of the Municipal Elementary School Prof.<sup>a</sup> Ester Justina Troian Benvenuti, which started in October 2016 and ended in June 2017 after school. The execution of this project was the responsibility of the University of Caxias do Sul (UCS) through the Federal Government Sports Incentive Law and was also sponsored by two companies from Caxias do Sul, Marcopolo and Randon, which are always promoting the positive youth development through actions and sports programs in the city. The sports modalities offered were: chess, dance, futsal, handball, basketball and volleyball. Each sports modality had one lesson per week with a duration of 50 minutes according to table 1.

Time	Monday	Tuesday	Wednesday	Thursday	Friday
5:40 to 6:30 p.m.	<b>Basketball</b> 10 to 13 years	<b>Volleyball</b> 10 to 13 years	<b>Handball</b> 08 to 09 years	<b>Handball</b> 10 to 13 years	<b>Futsal</b> 08 to 09 years
6:30 to 7:20 p.m.	<b>Basketball</b> 14 to 17 years	<b>Volleyball</b> 14 to 17 years	<b>Futsal</b> 10 to 13 years	<b>Handball</b> 14 to 17 years	<b>Futsal</b> 14 to 17 years
7:30 to 8:20 p.m.	<b>Dance</b> Mixed age	<b>Dance</b> 10 to 13 years	<b>Chess</b> Mixed Age	<b>Dance</b> 14 to 17 years	<b>Futsal</b> Mixed age

**Table 1.** Schedule of the Program

The TPSR was implemented in 3 classes of the 15 classes of the SLPFC and specific goals were established for each class. In the Handball class (8 to 9 years old) the observation was applied, aiming to analyze the students' behavioral changes regarding respect for the others. In the Dance class (10 to 13 years old) the observation was aimed at evaluating changes in student behavior through empowerment strategies to develop leadership. Lastly, in the Futsal class (14 to 17 years old) the observation was aimed at verifying students' attitudes toward self-control in class.

The observations were applied after the eighth week of the project, because the students were already accustomed to the structure of the lesson and had already established a trust relationship with teachers and colleagues and over the other months. After the data collection, the analysis and discussion of the data were carried out from the inductive and deductive research methods.

### 3 | RESULTS AND DISCUSSION

In the Handball class (8 to 9 years old), the respect for the others occurred through strategies of the “Physical Activity Plan” developed by the teacher, for example, pick-up in various ways to stimulate contact with the peers and activity in pairs between boys and girls. The “Awareness Talk” and “Reflection Time” were also used when some students understood that the other had done some bad thing to him. Over the months, the game between all was inserted and the respect for the peers was observed. An important point to emphasize is the relation between genders, because as boys have more strength than girls, they had to know to perform the same task while taking care of their colleagues.

In the dance class (10 to 13 years old) the classroom was small for so many children who wanted to do it, most of them girls. At the end of the eighth week of the project, certain comments were observed by students such as: “Wow, I love this song” and “Teacher, I love the class today”. After the second month of the project, the empowerment strategy was used during the “Physical Activity Plan” and the “Group Meeting”, leading some students take leadership roles. For example: small groups of 4 people were created to perform the choreography of some music and present it to the group, becoming as internal challenge and a motivation among the peers. Also, a challenge was made so that at the closing party of the project, the groups presented a choreography for the whole community. In the last month of the project and after the student presentations, some phrases like “The project will not continue?”, “I’m loving the lessons” and “It was very difficult to present for all, but I succeeded” were reported.

In the Futsal class (14 to 17 years old) all students were boys and the conflicts were constant. Some strategies such as the “Accordion Principle” and “Talking Bench” with the students were fundamental to establishing a positive climate of living together. During the class some students had to leave the game on the teacher's orders to avoid

causing serious problems of physical assault, and “Reflection Time” was essential in this time providing a self-reflection. Over the months and after many conversations about the discipline problems that occurred during the lessons, many students, when some problems occurred, were beginning to withdraw from activities and games to calm down. An important point to highlight in these lessons was the trust and identification that the students had with the teacher, as well as the evolution of the relationship between the students.

It has been observed that teacher-student relationship in an environment with pre-established rules become essential for other values such as respect and self-control to be worked out. In addition, some studies that have implemented the TPSR indicate that relationships of trust, care, respect and a relational interaction between teacher and students are the key for youth engagement and positive youth development (ENNIS, 1999; HELLISON, 2011; BUCKLE; WALSH, 2013; GANO-OVERWAY; GIVERNAU, 2014).

In all classes it was noticed that the initial motivation, such as practicing some sport with a friend or for the liking, is fundamental for the continuation in the sport and development of values. It can be observed in the study by Li et. al. (2008) where used a behavioral scale to evaluate the intrinsic motivation of 253 students (9 to 15 years old) that the results indicated a direct relationship between personal and social responsibility and intrinsic motivation, that is, the more personal and social responsibility, the grater their motivation.

It was also observed that older students during classes were able to learn from the younger, from empowerment to leadership roles in the classroom, where the teacher became a facilitator, leaving the scene and assisting in the tasks of responsibility. In the study by Coulson, Irwin and Wright (2012) a similar leadership strategy was used, where students demonstrated some movement or skill to colleagues and used empowerment in “Group Meeting”, “Awareness Talk” and “Reflection Time” to give voice and choice to students. In the research of Jacobs and Wright (2014) also used activities in pairs, being that while one realizes the activity, the other evaluates. Walsh (2008) points out that 14-years-olds reported that by working with younger people practicing leadership, they learned to have more self-control, patience, and help others work together.

Other similar results were found in the study by Hayden et. al. (2012) who used the TPSR responsibility levels within the “Physical Activity Plan” for a frisbee game where the team validates the points, was the opposing team, showing respect among the peers. In the same study, to experience empowerment, participants were directed to leadership roles by instructing peers, choosing activities, and modifying the rules of the game.

As well as positive changes in SLPFC were observed implementing the concepts of respect of the others, leadership and self-control, the results are in line with the study by Wright and Burton (2008) where high school students participated in a tai chi program in the school with the use of TPSR. One of the results, in analyzing and



evaluating life skills was that throughout the classes executed on the program, positive changes were observed in the way students conducted and treated their peers by leading activity for the others.

#### 4 | FINAL CONSIDERATIONS

Despite being a pilot study, positive changes in students' attitudes toward respect for the others, leadership, and self-control were observed.

Based on literature, the TPSR has been widely used in several countries, but in Brazil it is known just one study that is of Pick (2004) where the TPSR levels were used to analyze the influence of an inclusive motor intervention program in the motor and social development of children with special needs and non-carriers with motor delays, demonstrating positive and significant results in the development of personal and social responsibility in the children who participated in the intervention when compared to the children in the control group.

The present study becomes the first implementation of TPSR in an after-school program background based in the physical activity in Brazil. However, there is a need to conduct more studies implementing the TPSR in Brazil, using some specific data collection tools and evaluation tools that can be found on the official website of TPSR based in Chicago/USA (<http://www.tpsr-alliance.org/>).

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