



# TREATMENT OF CREATIVITY AND INNOVATION IN SCHOOL INSTITUTIONS: The role of the teacher in the contemporary school context.

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## SUMMARY

This article investigates how schools approach creativity and innovation in the context of education in ledis under the fundamental role of the teacher in this process. . Creativity and innovation are essential skills to prepare students for the challenges of the 21st century, allowing them to tackle complex issues lexes, think critically and develop innovative solutions. However, many schools still present structures and pedagogical practices that do not encourage or adequately value creativity and innovation. In this article, we propose a reflection on the ways in which school institutions can promote an environment conducive to creativity and innovation. Also in this research, it is possible to create fl exible learning environments, which allow exploration and experimentation. r imen tation . Teachers need to be open to new pedagogical approaches and willing to adapt their practices to address their needs.

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i ndidu als of students, stimulating their creativity and encouraging search ca por r  
Innovative solutions . In this way, teachers become agents of social change in school institutions, promoting creativity and innovation as essential pillars of education.

**Key words :** Creativity . Sharing hamen to . Pr ot agon i smo . Education . I novation.

## AB S TRACT

This article i nve stiga how educates ti ona li ns tituti ons app roach creativity and i nno - goes on tesint heeduca ti onal con t ex t and dis cus ses t he fundamentally roleof t he t eache r in this pr oce ss . Creativity and i nnova you on are talentlessk illsto pr epa re st uden tsfor t he cha llenge s oft he 21s t cent tury, all owi ng t hem so face comp lex pr ob l ems , thi nk criti ca lly and dev el op i nnova ti ve so luti ons . Howeve r, many schoo lsstill have pedagogical i ca lst ruct ur es and pr acti ces t ha t do not encou rage or adequate tely v al ue cr ea tivity and innovat ion. This article proposes a refl ect ion on the ways in whi ch educa tiona l ins ti tut ions can pr omo te an env ir onmen t conduc i ve tocr ea tivity and innovati on .Th isres ea r ch soug hto ana l yze how itis pos sibleto cr ea tefl ex iblel ea rni ng env ir onmen ts t ha t all owexp l or ati onand exper ime n tati on . Teach rs need t obeopen t onewpedagog i ca l approa - che s and wi lli ng to adapt t t he irpr ac ti ce sto mee tst uden ts ' i nd ivi dua l needs , st imu lati ng t he ircr ea tivity and encou r ag i ng t he s ear ch fori nnova ti ve so luti ons . I nthi sway, t eache rs be comeagen t so f soc ialtr ans forma ti on ins choo lins tituti ons, pr omo ti ng cr ea tivity and i nnova ti on assess en tialpillarsof educa ti on.

**Keywords:** Cr eativity . Sha ri ng . Pr ot agon i sm. Educa ti on . I nnova ti on .

## 1 . INTRODUCTION

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Creativity and innovation in the characteristic syntrinsic to the human being and its promotion - educational environment is fundamental to prepare students for of challenges of the contemporary world. However, these school institutions often face challenges in relation to incorporating these lessons into their pedagogical practices. . This article examines how schools treat creativity and innovation and highlights the crucial role that teachers play in promoting these

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skills in students.

The choice of these seven themes is relevant to encourage late discussions and think about viable alternatives to achieve increasingly more effective educational practices. s that foster creativity and innovation in education. Despite the recognition of the importance of acting on this direction, many institutions face challenges to the core - for rare reasons. in his pedagogical practice. Some common obstacles include lack of time to explore more creative approaches, pressure due to traditional academic results, and resistance to change in the course ass . Furthermore, lack of adequate resources and lack of specific training for teachers can limit their ability to promote creativity and innovation in an effective manner.

In many school institutions, traditional pedagogical approaches and practices still prevail, centered on the teacher, which values t ransmission to ssi vade information sear and knowledge production. This approach can restrict students' creative expression, limiting their innovative potential. It is necessary to think about the role of the teacher not only as the source of knowledge, the one who deposits knowledge, in a “banking” conception of education (FREIRE, 2019), not even that of facilitating the learning process, but rather the change to the role of stimulating the reinterventor, providing an environment in which students can explore, experiment, and engage their creative and innovative skills.

However, there is cultural resistance in the face of investment in the continued training of education professionals, the training of teachers plays a crucial role ial in promoting creativity and innovation in school institutions. It is essential to provide the opportunity for professional involvement that enables them to fully implement pedagogical practices i nnovative i cas in their classrooms. Teachers need to be informed about teaching approaches that encourage creativity, such as project-based learning, critical thinking, and problem solving. Furthermore, it is fundamental to provide a space for reflection on reappropriation of teaching practice and the sharing of experiences among educators.

In fact, schools can benefit from establishing partnerships with external organizations, such as companies, museums, research centers cultural titu tions. These partnerships can provide additional resources, specialized experience, and opportunities for learning outside of the traditional school environment. Through these collaborations, students can get involved in real projects, interact with professionals from different areas and expand their views on the creative possibilities are innovative in various fields.

two. **DEVELOPMENT**

In today's world, where creativity and innovation are highly valued skills, it is necessary to provide creative and innovative development in students, as a form to prepare them for challenges. Creativity and innovation play a fundamental role in contemporary education, preparing students to face the challenges of a constantly changing and changing world. In this sense, it is essential to recognize the importance of these skills in the school context and promote their incorporation into educational practices.

According to an analysis presented in the Future of Work Report, published by the World Economic Forum (WEF), creativity will be the most valuable activity zada no universe of work until 2025. The FEM study created a ranking with the skills which will grow the most in 2022. On the podium are critical thinking and innovation, followed by active learning and learning strategies and, thirdly, creativity, originating lity and initiative .

When considering that one of the main objectives of education according to the Law of Guidelines and Basis (LDB) 1996, is to ensure full development of the individual's involvement, prepare him for the exercise of citizenship and qualify him for the job market, there is no doubt that by promoting educational practice is that it stimulates creativity and innovation, education will be fulfilling its objective of developing skills that are essential





to face the complex challenges of the 21st century.

In Brazil, education also aims to involve citizens with support from the State, society and family. In public schools, the objective of education is to achieve social quality for all and each of its students, guaranteeing in a systematic way the operation of knowledge accumulated by humanity, involving diverse skills and contributing to the integral development of the historical subject. (LDB, 1996) Firstly, creativity and innovation stimulate critical thinking and problem solving, by encouraging students to think looking in a way that doesn't convince her to find unique solutions. In other words, they are fundamental to preparing students for an increasingly competitive and globalized job market. As technology advances rapidly, traditional jobs

are replaced by new opportunities, the ability to think in a new way gives a competitive creative advantage. Schools are contemporary they need to provide students with learning experiences that encourage them to explore new things and seek innovative solutions.

Encouraging imagination, encouraging students to think beyond conventional limits is one of the challenges of education, which is often found to be hampered by rules and programs. The school needs to be a space where the diversity of original thought is valued. It is fundamental that social activities promote immunization in teamwork, an essential skill for any professional, as collaboration The exchange of ideas is fundamental for creative involvement and seeking new collective solutions.

By encouraging students to question, explore and experiment, education promotes an open mind and a continuous search for the knowledge. This not only enriches the educational experience, but also prepares students to learn independently throughout life, adapting new challenges and opportunities.

One of the main challenges is the excessive emphasis on standardized results and rigid curricula. The pressure for academic results can take a toll on people focusing on only pre-determined content, leaving little room for creative exploration and thoughtful thinking. I'm new. Furthermore, the lack of flexibility in curricula prevents test students from having the opportunity to engage in projects and activities that are immutable in their creativity.

Another obstacle is the fear of mistakes and risk aversion in the classroom. Too often, students are conditioned to the point of emprohracy and only seek "right" answers. This environment of fear and depression inhibits creativity, as students are afraid of exploring new things if there is a risk of making mistakes. It is important that children live in a safe environment, where mistakes are recognized as a source of learning and students are encouraged to try it, rethink it outside the box.

Another factor to be considered and analyzed is the lack of adequate resources and training for teachers, which is a significant challenge and not rare in the educational network. To promote creativity and innovation and in classes, teachers are pre ciam Being able is not ua lized in approaches pedagogical residents. At the however, always Sufficient investment in training to be continued er adequate resources so that teachers can develop effective teaching strategies that stimulate

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Student creativity. Without the necessary support, teachers may find themselves overcome difficulties in incorporating creative and innovative practices into your school routine. It is important to note that overcoming these obstacles requires a change of mentality and a more flexible and adaptable approach in the educational system. It is the fundamentally so that value of creativity and innovation, providing adequate resources, training and support to teachers.

An effective approach involves creating a secure, inclusive environment that values the diversity of ideas. Teachers can encourage the active participation of all students, promoting a climate of respect and acceptance, where all perspectives





be valued.

Furthermore, project integration and problem-based learning in the curriculum are important strategies. By involving students in practical and challenging projects, they have the opportunity to apply their knowledge in a creative way, seeking innovative solutions to real problems. Problem-based learning encourages critical thinking and collaboration, promoting the development of creative and innovative skills.

Another relevant strategy is to encourage critical thinking and curiosity. Teachers can encourage students to question, explore different perspectives, and challenge assumptions. The creation of an environment that values questioning and investigation is important for creativity and innovation, encouraging students to seek creative solutions that are not immediately obvious.

The use of technology and creative tools also plays an important role in promoting creativity and innovation in individual institutions. "It is necessary to move away from the commitment of the education professional to the false sense of humanism – which sees technology as the reason of the evils of modern man." (FREIRE, 2014, p. 28)

Technological resources can be used as students, quite an enlarged possibilities of expression and action, allowing them to explore in different ways to present your self. The creative tools, as software and applications -

In addition to decoding, you can take part in the course to stimulate imagination and innovative thinking.

I will clarify technology, innovation and new pedagogical practices, which is the student found himself at the heart of the entire process, as well as the teacher, actant and mediator, a curator of knowledge, support I also adopt innovative management that encourages investment in human capital, both from the teacher and from all students, equating stimulation and this sense of inclusion to the day of commitment all the agents involved in this innovative process and learning environments. (MAR-TINS, 2020, p. 130)

By adopting these strategies, school institutions will be promoting an environment conducive to creativity and innovation. Students will be encouraged to think independently, collaborate with their colleagues and seek creative solutions for the challenges they face. With the implementation of these strategies, institutions and classes will be preparing the students to create tomorrow's citizens capable of facing resilience.

of 21st century challenges: creativity, innovation

We cannot talk about creative development, without talking about autonomy. Developing it is essential for students to have a voice and active participation in the learning process. Allow them to collect projects, research topics of interest, and propose creative solutions

to address the problems you face, it will help to build your confidence and independence skill critical.

Stimulating curiosity and encouraging research are also factors linked to the development of creativity: encouraging students to ask questions and explore different sources lack of knowledge and search for answers due to self-confidence.

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Necessary steps to carry out research, analyze information and draw conclusions based on it, integrating technology and creative tools: video editing software, graphic design and programming, to promote creative expression students, are fundamental.

With regard to new teaching and learning strategies, five points are factors that preponderate before being required to be part of the plan and execution. In the context of these contemporary schools: (1) Creation of a safe and inclusive environment that values the diversity of ideas; (2) Project integration and learning based on problems in the curriculum; (3) Encouragement of collaboration and critical thinking; (4) Fostering curiosity





of and of ques ti onamen toe; (5) Use of technology and creative tools in the teaching - learning process.

O teacher of s plays a central role in promoting creativity - in ei novação na si ns titu ções ses collars . To fulfill this role with a protagonist, it is essential that teachers invest in their own professional development and participate in ongoing training programs that enable them to achieve their full potential. Create a new innovative creative strategy in your pedagogical practice.

If the commitment of the profession is only valid when it is loaded with humanism, this, in turn, is only consequential when it is scientifically founded. It involves, therefore, the commitment of the professional, whoever he is, the demand for his constant improvement, for overcoming his specialism, which is not the same as specialty. The professional must expand his knowledge around man, his way of being in the world, replacing it with a critical view of the naive view of the area liity, shaped by narrow speci- alisms. (FREIRE, 2014. p. 26)

Fr eire 2014, alerts the eyes of these teachers for today's world, that qua larity and contemporary reality is urgent for a learning environment that encourages student explore different paths, until they make decisions and face challenges. By providing space for self-reliance, teachers encourage not only creativity and innovation, but human skills such as self-reliance, freedom of expression they are problem solving.

In addition to all of this, teachers play the role of inspiring and modeling creative and innovative behavior, sharing examples of inspiring innovation and creativity in different areas of knowledge, as well as presenting success stories of people who applied their creative skills to

real . By acting as role models, teachers show I resolve to address the problems of the world to students and commit to with revival and experience, aspects that go beyond academic knowledge, but that have relevant relevance in your life.

Propose reflection and metacognition to students, encouraging them to think about their own experiences in learning processes, which identify who their strategy is. If they are to reflect on what they can improve, they should be the objectives of an education that fosters creativity.

In summary, the role of the teacher in promoting creativity and innovation is crucial. Through my own professional involvement, encouraging self-reflection, promoting reflection and self-awareness, offering constructive feedback and I nsp By using creative behaviors, teachers can create an environment that is conducive to developing these skills.

### 3 . CONCLUSION

Creativity and innovation play a fundamental role in training students for an increasingly complex and challenging future. School institutions must recognize the importance of these skills in creating educational environments that value and promote them. The teacher plays a central role in this process, acting as a facilitator, inspiring the reorientation of the development of creativity and innovation of studies t udan t es . There must be seven investment in teacher training:

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so that teachers can play their role in promoting creativity and innovation, it is necessary to invest in its continuous training. Professional development programs should be offered, providing educators with the tools and strategies needed to incorporate creative ivity and innovation in their teaching practices.

Furthermore, it is important to promote sharing among study of experi encesprojects between the teachers, for groups, co l abo ration in and par - tici pação in the community practice. I nvestment at training of the profes so res It is an investment in the future of students.

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diversity of perspectives. This means that creativity and innovation are enriched by the variety of perspectives and experiences. Teachers must encourage and value the diversity of ideas, promoting an inclusive environment where students feel comfortable to express your opinions and contributions. This can only involve

individuals, for explore action of different cultures, social context and experience  
the combination of different knowledge and approaches. creative promotes innovation through

The analyzes allow us to affirm that partnerships with the community and private sector are also important. Secondary institutions can establish partnerships with the local leosetorprivate community to promote creativity and innovation. These partnerships not only strengthen social networks, they can offer resources, mentoring, and learning opportunities outside of the school environment. onal. By connecting with external professions and organizations, students have the opportunity to apply their knowledge in local situations, independently seeing new solutions to problems in the real world. These partnerships also allow teachers to benefit from the knowledge and experience of specialists from different areas.

Finally, a point of reflection covered in the analysis of this article was the promotion of a culture of experimentation and learning. This is because in order to encourage creativity and innovation, it is fundamental that teachers encourage students to take calculated risks, attesting to new iasea learn from mistakes. By valuing continuous learning and perseverance, teachers help students develop confidence in their skills creative skills and new skills.

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