













students simultaneously provided an interaction that gradually proved to be very positive, with both students progressively showing high levels of motivation.

## 6. Conclusion

Activities *with* musical and improvisation exploration have an influential impact on the student's technical and musical evolution. This impact, which was observed in this study, was progressive and came to complement the instrument development of the students. Curiously, the teacher/student relationship also benefited from this experience and created a deep bond resulting from the relaxed atmosphere that this type of activities demand, as this is probably a motivating experience in learning how to play an instrument.

Through the analysis of this study, it is also important to note that the various activities of musical exploration and improvisation incorporated as working tools in the instrument class provided an opportunity for students involved in this study to have a broader educational and active experience, which with another more traditional way, would probably be an utopia.

As a final note it is worth saying that the results of this research should be repeated with a larger sample size, so that data could have a better representation of what was proposed. Nevertheless, we hope that this was a meaningful contribution to the advancement of instrumental learning and teaching. Through the use of creative strategies in instrumental teaching both the casual and the systematized, can be integrated in order to provide a full development of each subject to be taught. The child does not only progress through several given concepts but she also constructs her own experience, as they participate in an emotional, cognitive and operational level.

## 7. References

- [1] Alencar, E. M. L. S. and Fleith, D. S. (2003), "Contribuições Teóricas Recentes ao Estudo da Criatividade" in *Psicologia: Teoria e Pesquisa*. Vol.19 (nº1) (pp. 001-008)
- [2] Amabile, T. M., and Grysiewicz, S. S. (1987), "Creativity in the R&D Laboratory", Report, nº30, Center for Creative Leadership, Greensboro, N. C.
- [3] Azzara, C. D. (2002), "Improvisation" in Colwell, Richard (ed), *The New Handbook of Research on Music Teaching and Learning: a Project of the Music Educators National Conference*. Oxford: University Press.
- [4] Botha, E. (2009), "Why metaphor matters in education" in *South African Journal of Education*. Vol. 29 (pp. 431-444)
- [5] Bradshaw, M. (1980), "Improvisation and Comprehensive Musicianship" in *Music Educators Journal*. Vol.66 (nº5) (pp.113-115)
- [6] Bump, J. (1985), "Metaphor, Creativity, and Technical Writing" in *College Composition and Communication*. Vol. 36 (Nº 4) (pp. 444-453)
- [7] Cropley, A. J. (1997), "Fostering creativity in the classroom: general principles" in Runco, Mark A. *The Creativity Research Handbook Vol. 1*. Hampton Press. (pp 83-114)
- [8] Csikzentmihályi, M. (1996), "The flow of creativity" in *Creativity: Flow and the Psychology of Discovery and Invention*. New York: Harper Perennial.(pp 107-126)
- [9] DePascale, R. (2003) "Classical connections: A creative way to learn classical music" in *General Music Today*, Vol.17 (nº6) (pp 6-10)
- [10] Finke, R. A. (1997), "Mental imagery and visual creativity" in Runco, Mark A. *The Creativity Research Handbook Vol. 1*. Hampton Press. (pp 183-202)
- [11] Kenny, J. B. and Gellrich, M. (2002), "Improvisation" in Parcutt, Richard & McPherson, Gary (ed), *The Science and Psychology of Music Performance: Creative Strategies for Teaching and Learning*. Oxford: University Press.
- [12] Lubart, T. I. and Getz, I. (1997), "Creativity, Metaphor, and Creative Process" in *Creativity Research Journal*. Vol.10 (nº4) (pp. 285-301)
- [13] Odam, G. (1995), "Instrument teaching" in *The Sounding Symbol - Music Education in Action*. Nelson Thornes. (pp 103-122)
- [14] Radford, M. (2004), "Emotion and Creativity" in *Journal of Aesthetic Education*. Vol.38 (nº1) (pp. 53-64)
- [15] Riveire, J. (2006), "Using Improvisation as a Teaching Strategy" in *Music Educators Journal*. Vol.92 (nº3) (pp.40-45)
- [16] Scott, J. K. (2007), "Me? Teach improvisation to children?" in *General Music Today*, Vol.20 (nº6) (pp 6-13)
- [17] Shen, Y. (1992), "Cognitive Aspects of Metaphor Comprehension: An Introduction" in *Poetics Today*. Vol. 13 (nº 4) (pp. 567-574)
- [18] Woody, R. H. (2006), "The Effect of Various Instructional Conditions on Expressive Music Performance" in *Journal of Research in Music Education*. Vol. 54 (nº1) (pp. 21-36)