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Mathematics and the teaching of values. (Matemáticas y educación en valores.)

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Vivimos en un mundo complejo, conflictivo, en constante cambio y pluricultural. Por ello, es imprescindible una educación en valores fundamentales como la tolerancia, solidaridad, responsabilidad, cooperación, respeto a la naturaleza, sentido de justicia o espíritu crítico. En este artículo se presentan actividades de contenido matemático, elaboradas a partir de revistas, artículos periodísticos o de ONG y que versan sobre educación para el consumidor, educación para la paz, coeducación, derechos humanos, educación para el desarrollo sostenible. Están destinadas a alumnos de Educación Secundaria. (orig.)

We live in a complex troubled world, in constant change and with a lot of different cultures. That is why teaching fundamental values is so important. Values such as tolerance, solidarity, responsibility, co-operation, respect to Nature, a sense of justice or being able to think for yourself. In this article several activities are shown that deal with mathematical questions; they have been elaborated from magazines, newspapers or non-governmental organizations and are related to consumer's and peace education, coeducation, human rights and education for maintainable development. This work is meant for Secondary Education students. (orig.)

Classification: D30 D40

Keywords: goal of mathematics education; mathematical literacy; mathematics and politics; holistic approach; systemic thinking; everyday mathematics; environmental education; descriptive statistics