

Publishing and Teaching using Open Educational Resources (OER) and XML
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The Open Educational Resource (OER) efforts all over the world are making material available to students, teachers, and authors free or at a very low cost. These projects are inspired by the Open Source Software projects that have produced Linux, Firefox, Apache, etc and by advances in computer hardware and software and in learning theory. This talk will describe a specific OER called Connexions (<http://cnx.org/>) which has an open repository of educational content which is modular in structure, uses XML encoding, and is under an open copyright license. This shows great promise in all areas of education, particularly in areas using mathematics (mathML). MIT's OpenCourseWare (OCW) and Wikipedia will also be discussed.