Abstract: This paper argues that transparency promotes interactivity and participation in collaborative Web 2.0 learning environments. Teaching with transparency requires a learner–centered pedagogy for research, writing, and the production of new knowledge in open communities. Transparency is a catalyst for interaction and participation that supports open learning in multiple disciplines and institutional contexts. Transparent design influences the development of wikis, Open Educational Resources (OERs), and mobile applications. The wiki is a flexible, social, and easy to use technology for collaborative authorship and for sharing information. OERs are transparent educational materials for teaching and learning and mobile technologies expand the scope of when and how transparent learning takes place.