

Instructional Systems Design (ISD) Toolkit

How can the ISD toolkit help me?

The ISD toolkit helps weatherization instructors develop course material for a training session on Instructional Systems Design. It can also be used as a guide to design and develop effective weatherization training materials.

What is included in the ISD toolkit?

The toolkit includes detailed PowerPoint presentations developed by the Oak Ridge Institute for Science and Education that provide basic information about adult learning, explain the principles of Instructional Systems Design, and provide tips on preparing lesson plans, visual aids, tests, and evaluation techniques.

The resources section provides a comprehensive facilitator guide to enable an instructor to train in the design and development of ISD materials; explain the principles of ISD; help develop skills in the use of relevant technologies; and explain various ISD models. It also includes sample activities for ideas to engage participants in pre-session warm-up activities and end-of-course debriefings. Test item analysis activities can be used to explain statistical formulas that are used to determine ease, differentiation, and distribution of responses when constructing test items.

Who should use the ISD toolkit?

Weatherization instructors who wish to improve their weatherization training materials and instructors who are expected to train trainers who have little to no experience on how to design and develop effective training materials.
