

Communication, Cooperation, Collaboration

Activity	Communication	Cooperation	Collaboration
Learning	Information transmission	Knowledge transmission	Knowledge generation
Inquiry	Individual inquiry	Delegation of tasks	Common inquiry
Decision-making	Agree to disagree	Vote (majority rules)	Social negotiation to consensus
Goals/agendas	Multiple goals/multiple agendas	One goal/multiple agendas	One goal/one agenda
Accountability	Individual accountability	Individual accountability	Group accountability
Learning relationship	Complete independence	Partial interdependence	Complete interdependence

Traditional and Authentic Assessment

Traditional	Authentic
Select a response	Perform a task
Recall, recognition	Construction, application
Instructor-structured	Student-structured
Indirect evidence	Direct evidence

Authentic Assessments

- Essay, story, or poem
- Research paper
- Literary analysis
- Book or article review
- Case study
- Speech
- Journal response
- Art exhibit
- Portfolio
- Musical composition
- Lab report
- Strategic planning
- In-class discussion
- Editorials
- Peer editing
- Poster presentation
- Video
- Podcast
- Mock trial
- Oral presentation
- Debate
- Role play
- Online discussion
- Blogs
- Advertising campaign
- Building a prototype
- Modeling
- Experiments
- Service learning
- Interview

Backward Curriculum Design

- Step 1:** What should students know and be able to do?
- Step 2:** How will I know what students know and can do?
- Step 3:** What kinds of learning experiences and content do students need?

Backward Design Steps

GL Course Components

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| 1. What should students know and be able to do? | <ul style="list-style-type: none">• Course outcomes |
| 2. How will I know what students know and can do? | <ul style="list-style-type: none">• Traditional and/or authentic assessments |
| 3. What kinds of learning experiences and content do students need? | <ul style="list-style-type: none">• Active, collaborative learning strategies• Diverse, interdisciplinary content• Integrated co-curricular experience |