Using Portfolio to Assess Student Learning
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What is a Student Portfolio?

A student portfolio is a systematic collection of student work and related material representing student's activities and accomplishments in one or more subjects.

It should include evidence of student reflection & self-evaluation, guidelines for selecting the portfolio contents, & criteria for judging the quality of the work.

The goal is to assess student achievements and thus learning outcomes as evidenced by the compiled material in the portfolio that illustrate the achievement (Venn, 2000; )
Types of Portfolios

2 major types Process & product portfolios.

A process portfolio documents the stages of learning and provides a progressive record of student growth.

Teachers use process portfolios to help students identify learning goals, document progress over time, and demonstrate learning mastery...

In general, teachers prefer to use process portfolios because they are ideal for documenting the stages that students go through as they learn and progress.
• A **product portfolio** demonstrates mastery of a learning task or a set of learning objectives and contains only the best work...
Steps in the Portfolio Assessment Process

• *First*, the teacher and the student need to clearly identify the portfolio contents, which are samples of student work, reflections, teacher observations, and conference/meeting records.
• **Second**, the teacher should develop evaluation procedures for keeping track of the portfolio contents and for grading the portfolio and share them with the student...
• **Third**, the teacher plans for holding portfolio conferences/meetings, that could be formal and informal so students review their work and discuss their progress.
  
  – The conferences/meetings are essential part of the portfolio assessment process since they promote reflective teaching and learning,
Advantages of Portfolio Assessment

- Promoting student self-evaluation, reflection, and critical thinking.
- Measuring performance based on authentic samples of student work.
- Providing flexibility in measuring how students accomplish their learning goals.
- Enabling teachers and students to share the responsibility for setting learning goals and for evaluating progress toward meeting those goals.
Advantages

- Giving students the opportunity to actively participate in the learning process by discussing with faculty learning goals and progress toward those goals.
- Providing a process for structuring learning in stages.
- Enabling measurement of multiple dimensions of student progress by including different types of data and materials.
- Facilitating cooperative learning activities, including peer evaluation and tutoring, cooperative learning groups, and peer conferencing.
Disadvantages of Portfolio Assessment

- Requiring extra time to plan and assess.
- Gathering all necessary data and work samples make portfolios bulky and difficult to manage.
- Developing management system is difficult but necessary to make portfolios more than a random collection of student work.
- Scoring portfolios includes extensive use of subjective evaluation [e.g. rating scales & professional judgment], which limits reliability.
- Scheduling individual portfolio conferences is difficult & time consuming which may affect other teaching activities.
My examples of student portfolio

Reference:

Other Test Items
Interpretive items using paragraph, table, chart, picture or map so that the student make a judgment about the material presented.

- Measure ability to understand printed info or complex cognitive processes
- Easy scoring/objective
- Difficult to construct
- Contain unintended clues
- Do not measure ability to express ideas
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