

Theme 5: Portfolio Assessment: 360° view on students' achievements

(Tony T. Tohme)



Name:	Tony Toufic Tohme	Title:	Senior Educational Consultant
E-mail:	tony.tohme@york-press.com		

Portfolio Assessment

- ❑ Although portfolios are used in the assessment of student's performance, they are used as a method by architects, painters, photographers and artists in showing their works.
- ❑ However, as portfolio has been used for different purposes it maybe different from than that of artists.
- ❑ Definition of portfolio may change according to users' purpose and way of usage.



Portfolio Assessment

What it is?

Portfolio Assessment

- ❑ "Portfolio is a fusion of process and product.
- ❑ It is the process of reflection, selection, rationalization, and evaluation, together with the product of those processes".
- ❑ "Portfolio is a cumulative and ongoing collection of entries that are selected and commented on by the student.
- ❑ The teacher and/or peers, to assess the student's progress in the development of a competency".

Portfolio Assessment

- ❑ An alternative assessment approaches are needed in assessing both learning process and learning product. Nowadays, one of the alternative assessment techniques used in various disciplines such as mathematics, science and social sciences so forth is portfolio.
- ❑ Portfolio is an effective assessment approach since it encourages students to improve and helps them to be critical thinkers and independent consequently motivating them in learning.

Portfolio Assessment

- ❖ One of the alternative methods in education used in the assessment of the students' individual or group performance is portfolio.
- ❖ Portfolios show the cumulative efforts and learning of a particular student over time.
- ❖ They offer valuable data about student improvement and skill mastery.

Portfolio Assessment

Along with student reflection, the data in the portfolio provides valuable information about how each student learns and what is important to them in the learning process.

Portfolio Assessment

A portfolio is a living and changing collection of records that reflect accomplishments, skills, experiences, and attributes.

**Portfolio
Assessment**



Portfolio Assessment

Ongoing/Continuous Assessment and Formative Assessment are the best methods to evaluate the achievement of the student.



Portfolio Assessment



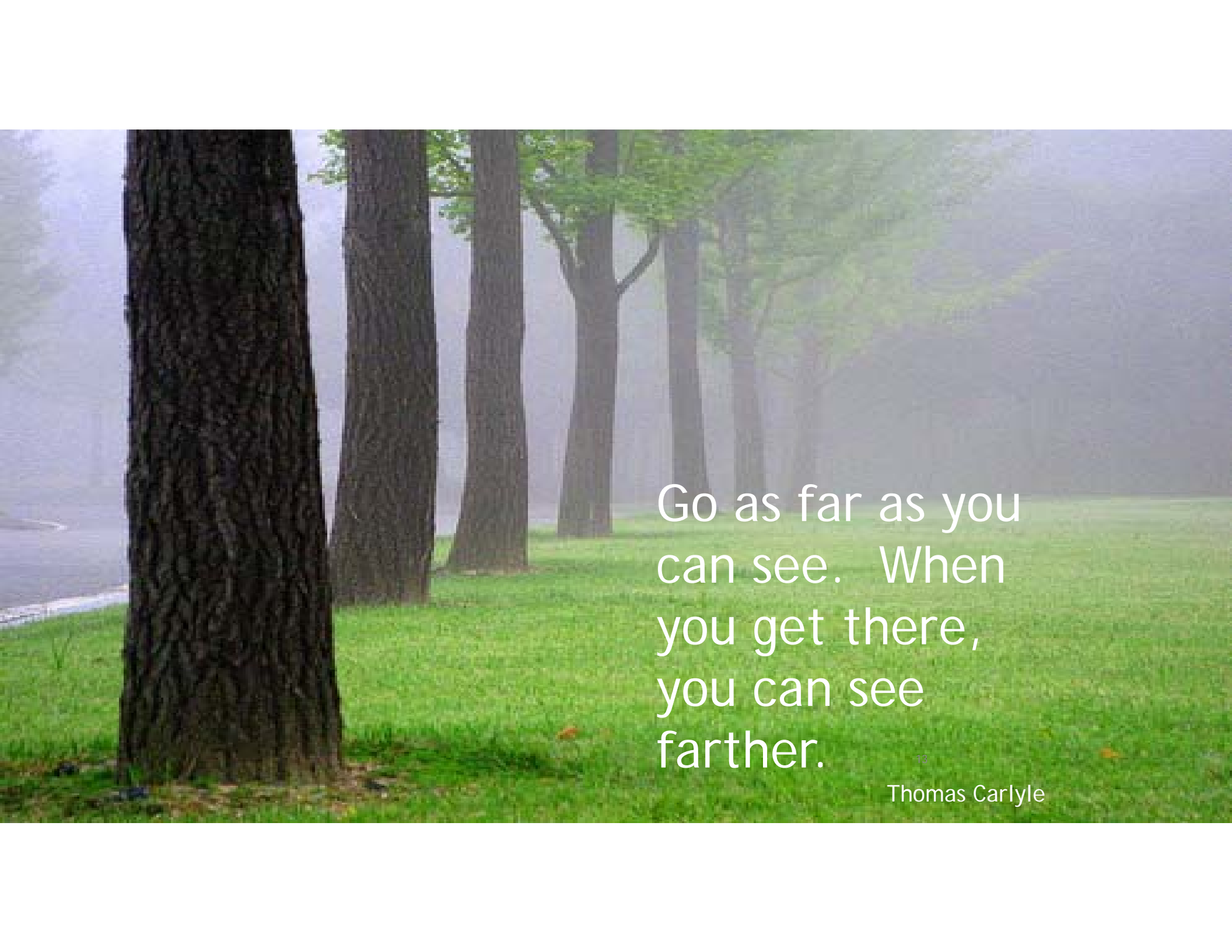
Discussion

What is the main purpose of a portfolio for a student?

Portfolio Assessment

The main purpose of a portfolio is to assess student learning, as well as provide a way for students to reflect on their own progress.



A photograph of a misty forest. In the foreground, several thick, dark tree trunks stand on a green grassy field. The background is hazy and foggy, with more trees visible in the distance. The overall atmosphere is serene and quiet.

Go as far as you
can see. When
you get there,
you can see
farther.

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Portfolio Assessment

What can be Assessed using Portfolios?

Assessment must be focused on the learning outcomes of the curriculum. The importance of the portfolio is that it can include evidence of achievement of all the learning outcomes within its structure.

Portfolio Assessment

How to Implement Portfolio Assessment?

Portfolio assessment has **five stages**:

1. Collection of evidence of achievement of learning outcomes
2. **Reflection on learning**
3. Evaluation of evidence
4. **Defense of evidence**
5. Assessment decision

Portfolio Assessment

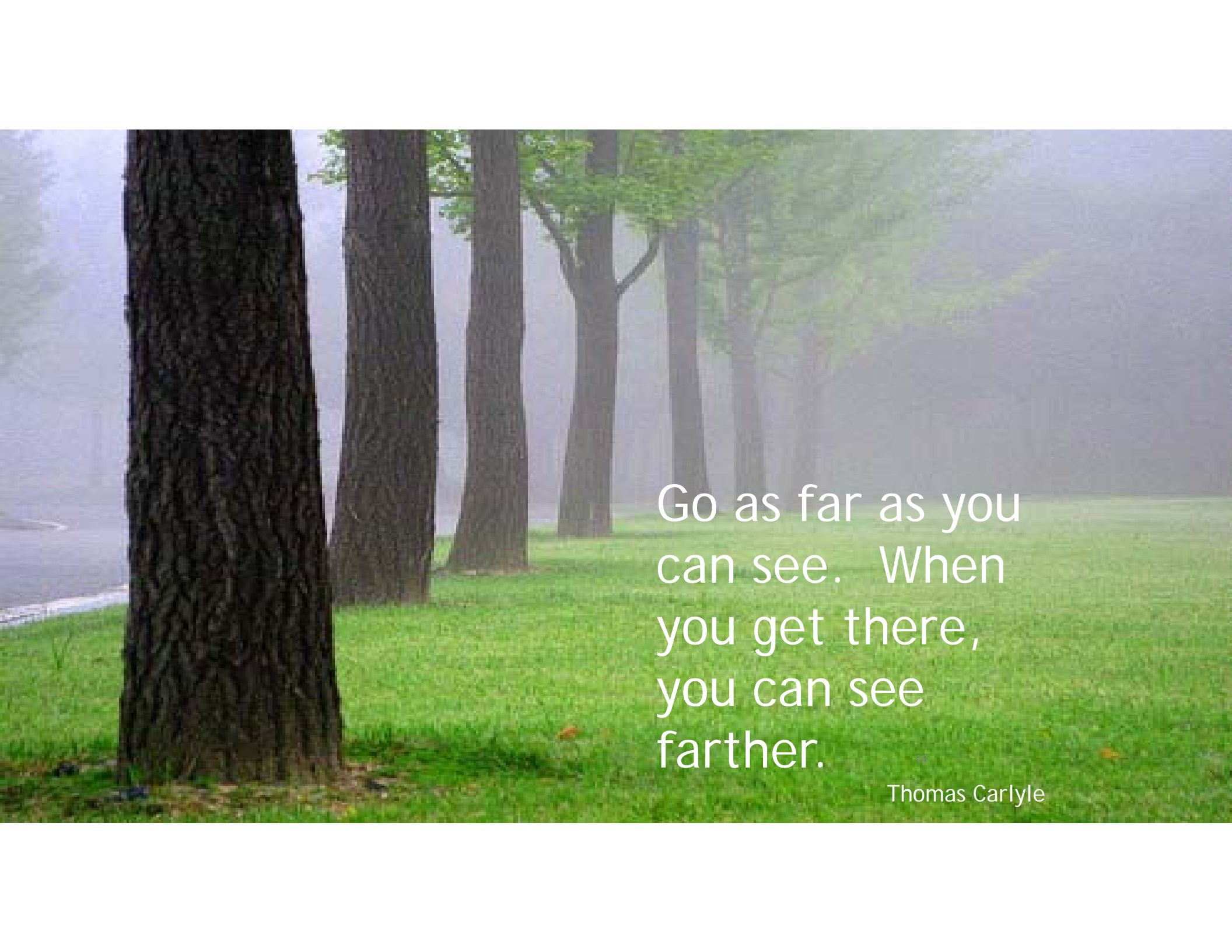
When Should the Assessment be Carried Out?

- The portfolio demonstrates the student's progress toward achievement of curriculum outcomes over time.
- Portfolio assessment is thus an ongoing process (i.e., continuous assessment), charting student progress toward the expected standard in each exit learning outcome.

Portfolio Assessment

By Whom Should Assessment be Carried Out?

- ❖ It is important that the portfolio contain feedback and/or ratings from a range of stakeholders with whom the students have come into contact during their learning, including teachers, peers and themselves.
- ❖ Thus, portfolio assessment is similar to 360-degree assessment.

A photograph of a misty forest. In the foreground, several thick, dark tree trunks stand vertically. The ground is covered in green grass. In the background, more trees are visible, their forms softened by a thick mist or fog. The overall atmosphere is quiet and contemplative.

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Portfolio Assessment

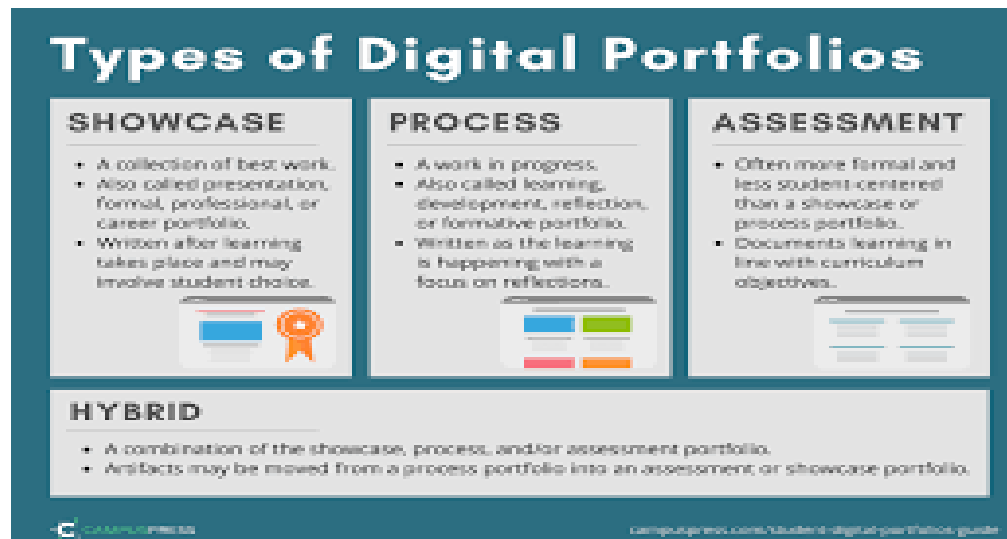
What are the primary features of portfolio assessment?

- Student involvement is very important in the portfolio process.
- It is vital that students also understand the purpose of the portfolio, how it will be used to evaluate their work, and how grades for it will be determined.
- Make sure students are given a checklist of what is expected in the portfolio before they begin submitting work.

Portfolio Assessment

Why might you use a portfolio assignment?

- Portfolios typically are created for one of the following three purposes: to show growth, to showcase current abilities, and to evaluate cumulative achievement.



Portfolio Assessment

➤ Some examples of such purposes include:

1. Growth Portfolios

- a. To show growth or change over time
- b. To help develop process skills such as self-evaluation and goal-setting
- c. To identify strengths and weaknesses
- d. to track the development of one more products/performances

Portfolio Assessment

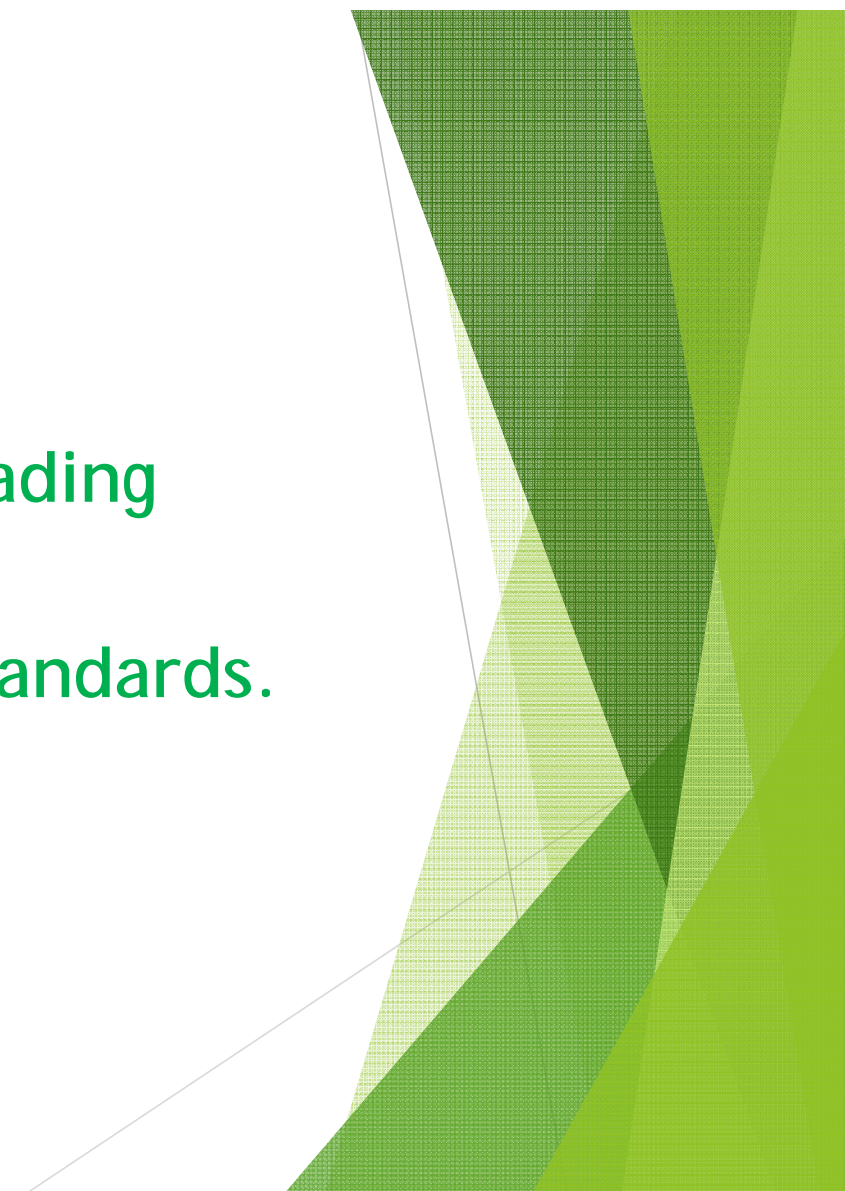
2. Showcase Portfolios

- a. To showcase end-of-year/semester accomplishments.
- b. To prepare a sample of best work for employment or college admission.
- c. To showcase student perceptions of favorite, best or most important work.
- d. To communicate a student's current aptitudes to future teachers.

Portfolio Assessment

3. Evaluation Portfolios

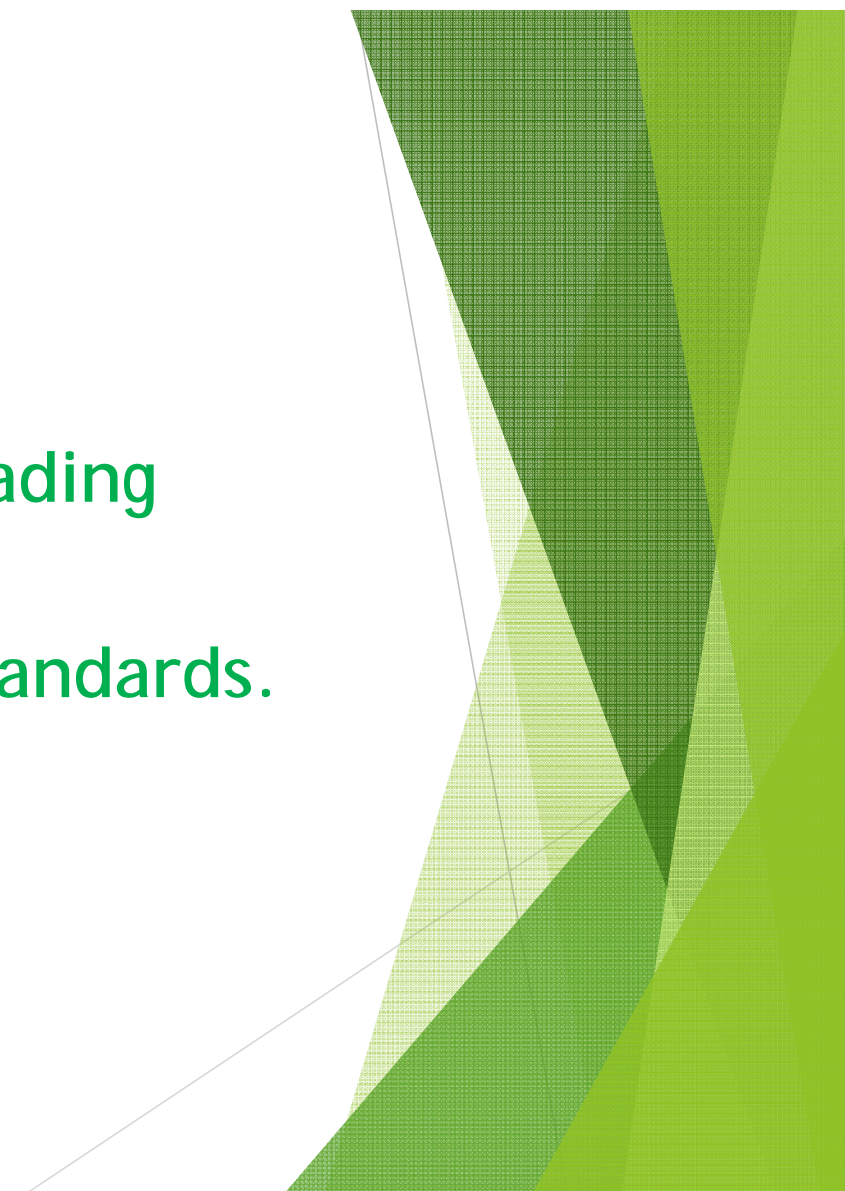
- a. To document achievement for grading purposes.
- b. To document progress towards standards.
- c. To place students appropriately.



Portfolio Assessment

3. Evaluation Portfolios

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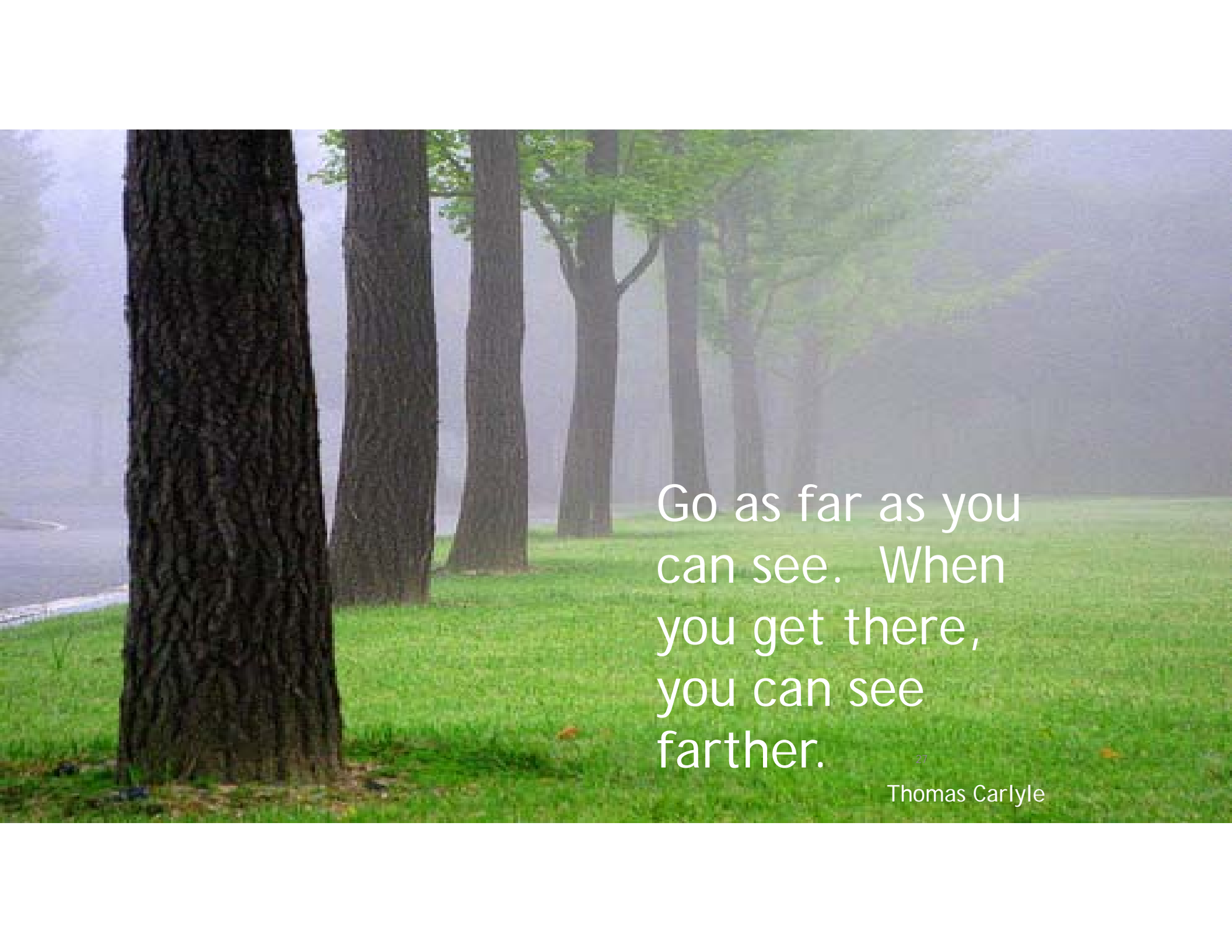
Portfolio Assessment

- ❖ Many educators who work with portfolios consider the reflection component the most critical element of a good portfolio.
- ❖ Reflection itself is a skill that enhances the process of skill development and virtually all learning in innumerable settings.
- ❖ Those of us who are educators, for example, need to continually reflect upon what is working or not working in our teaching, how we can improve what we are doing.

Portfolio Assessment

In the reflection phase students are typically asked to:

- Comment on why specific samples were selected or comment on what they liked and did not like in the samples.
- Comment on the processes involved in developing specific products or describe and point to examples of how specific skills or knowledge improved (or did not).
- Identify strengths and weaknesses in samples of work.
- Assess their past and current self-efficacy for a task or skill or complete a checklist or survey about their work.

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Portfolio Assessment



Discussion

What are the Pros and Cons?

Portfolio Assessment

ADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- Assess and promote critical thinking.
- Encourage students to become accountable and responsible for their own learning (i.e., self-directed, active, peer-supported, adult learning).
- Can be the focus of initiating a discussion between student and tutor.
- Facilitate reflection and self-assessment.
- Can accommodate diverse learning styles, though they are not suitable for all learning styles.

Portfolio Assessment

ADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- Can monitor and assess students' progress over time.
- Can assess performance, with practical application of theory, in real-time naturalistic settings (i.e., authentic assessment).
- Use multiple methods of assessment.
- Take into account the judgment of multiple assessors.
- Have high face validity, content validity, and construct validity.
- Integrate learning and assessment.
- Promote creativity and problem solving.

Portfolio Assessment

ADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- Combine subjective and objective, as well as qualitative and quantitative, assessment procedures.
- Can be used to assess attitudes and professional and personal development.
- Enable identification of the unsatisfactory or struggling performer.
- Offer teachers vital information for diagnosing students' strengths and weaknesses to help them improve their performance (i.e., formative assessment).
- Reflect students' progression toward learning outcomes (i.e., student profiling).

Portfolio Assessment

DISADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- When portfolios are used for summative assessment, students may be reluctant to reveal weaknesses.
- Portfolios are personal documents, and ethical issues of privacy and confidentiality may arise when they are used for assessment.
- Difficulties may arise in verifying whether the material submitted is the candidate's own work.
- Portfolios take a long time to complete and assess.

Portfolio Assessment

DISADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- The portfolio process involves a large amount of paperwork.



Portfolio Assessment

DISADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- Portfolio assessment may produce unacceptably low inter-rater reliability, especially if the assessment rubrics are not properly prepared or are used by untrained assessors.
- Scoring a portfolio may be seen as less reliable or fair than multiple choices test scores.

Portfolio Assessment

DISADVANTAGES OF PORTFOLIOS AS A METHOD OF LEARNING AND ASSESSMENT:

- Like any other form of qualitative data, data from portfolio assessments can be difficult to analyze.
- When comparing students' performance and schools by considering the portfolio scores, the questions "whom did the study belong to?", "Did the student do this work with someone else or alone?" are sometimes discussed. This statement may cause anxiety about the validity and reliability of the portfolio assessment.
- One of the problems of using portfolio is to store, to handle and to control the portfolios in the crowded classroom.



Portfolio Assessment

Discussion

Digital
portfolios

Portfolio Assessment

BEST PRACTICE EXAMPLES OF PORTFOLIOS



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Question for Groups

Reflect on today's experience:

- **Based on what we discussed in this workshop, are portfolios authentic assessments?**
- **Would you use portfolio assessment in your classroom?**

Be prepared to report out in 5-10 min.

Reflections and Questions

