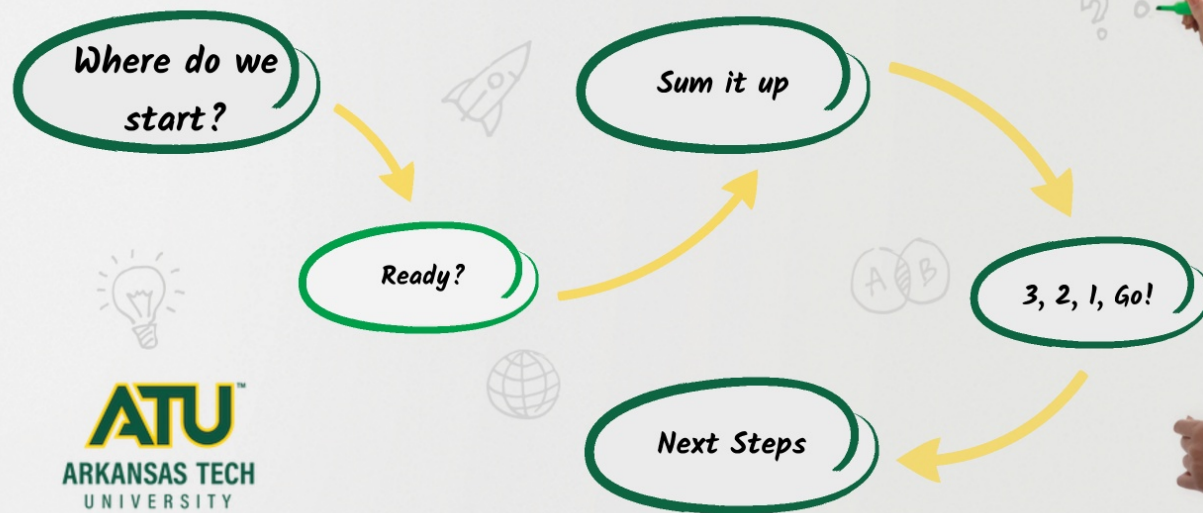
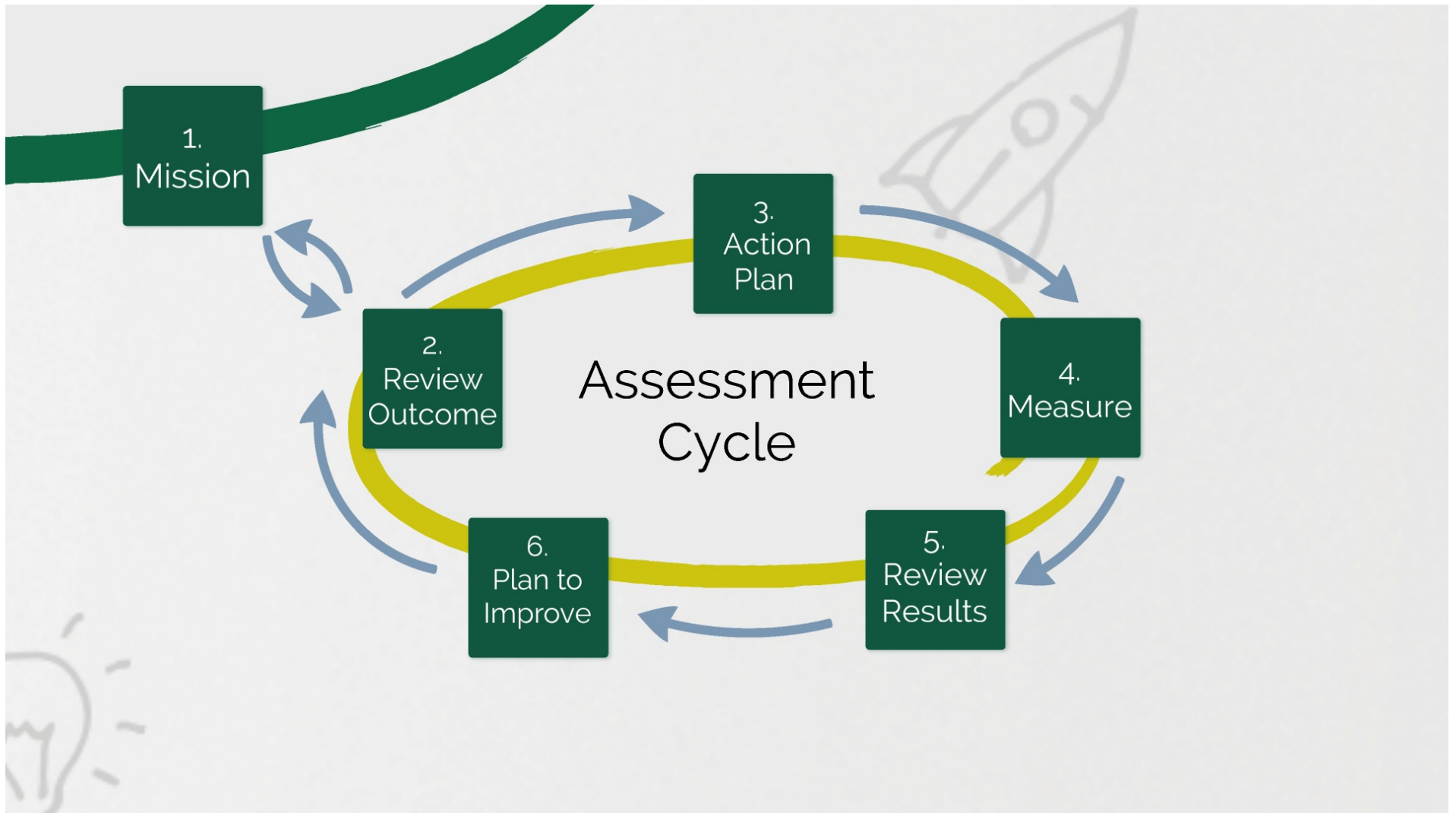


Meaningful & Practical Use of Assessment Data



This document describes how to use assessment data in a useful way. First, a refresher on the assessment cycle including how these align with language in your Weave project (look for the light bulb icon). Then, an interactive scenario to challenge your understanding.

The Assessment Cycle





In Weave, this is the Program Mission section.

"Arkansas Tech University is dedicated to student success, access, and excellence as a responsive campus community providing opportunities for progressive intellectual development and civic engagement. Embracing and expanding upon its technological traditions, Tech inspires and empowers members of the community to achieve their goals while striving for the betterment of Arkansas, the nation, and the world.

Mission

Sample mission

This program prepares students for entry-level positions in massage therapy and meets state educational requirements. Graduates are qualified to sit for the Massage & Bodywork Licensing Examination (MBLEx) and to apply for a state massage therapy license.

Ask yourself:

Does our program mission align with the university mission? How so?

What words stand out as aligning words?

Step 1: Mission



In Weave, this is the Outcomes section.

Program Mission: This program prepares students for entry-level positions in massage therapy and meets state educational requirements. Graduates are qualified to sit for the Massage & Bodywork Licensing Examination (MBLEx) and to apply for a state massage therapy license.

Sample PLO

Review Outcome

Program Learning Outcome (PLO) 1:

Provide a professional and comprehensive massage session for a variety of populations.

Ask yourself:

Does the outcome align with the program mission?

How do you know?

Step 2: Review Outcome



In Weave, this is the Action Plan in the Outcomes section.

Program Learning Outcome (PLO) 1:

Provide a professional and comprehensive massage session for a variety of populations.

Action Plan

Description: To achieve these outcomes, in addition to class lectures, lab, and course materials, students will participate in field trips and scheduled massage sessions with a diversity of clients.*

Action Items: **Sample Action Plan**

- Plan a field trip to a senior care facility to provide chair massage for elderly individuals.
- Plan a field trip to local facility to provide chair massage for physically and mentally differently-abled individuals.
- Arrange massage therapy appointments at our school clinic for clients of local drug and alcohol rehabilitation facility.

Ask yourself:

Do these activities support achievement of the outcome?

Is anything missing?

Step 3: Action Plan



In Weave, this is the Measures section.

Program Learning Outcome (PLO) 1:

Provide a professional and comprehensive message session for a variety of populations.

Source of Evidence:

Observation of Students - Academic Direct

Measures

Ask yourself:

Will this activity (exam) fully measure the outcome?

How so?

Is anything missing?

Description: Written exam covering course materials specific to working with diverse populations including personal beliefs, attitudes, and biases about people whose experiences, histories, cultures, and appearances are different than one's own.

Methodology: Students will complete a proctored written exam.

Criteria for Success: Students' exam scores will average 85% or higher.

Bonus: This is an Ethics General Education goal, so it ties in nicely with our PLO. Weave allows you to connect to GE goals under the *Supported Initiatives* section

Sample Measure

Measure #2?

Step 4: Measure

This outcome would benefit from a second measure.

Second measure

Source of Evidence:

Observation of
Students -
Academic Direct

Description: An observation checklist of expected professional behaviors and massage techniques used to grade students.

Methodology: During field trips and clinical experiences in the Special Populations course, students will participate in providing massage therapy to clients in three identified groups.

Faculty will complete a graded observation checklist while observing each student as they interact with clients and provide treatment.

Students who are not able to attend field trips can complete "make-up" sessions with prior instructor approval. Students unable to complete at least four graded sessions before the last day of class will receive a zero for each missed session.

Criterion for Success:

80% of students will achieve an 85% or higher average score.

More than one measure?



In Weave, this is still the Measure section under Criterion for Success

Review Results

Data

Sample Data

Finding:

Fall 2019: 82.15% (46 students)
Spring 2020: 85.27% (30 students)
Overall Average for the Academic Year:
83.38% average (76 students)

Analysis: The fall semester students missed achieving an 85% average goal, but the spring semester students met the goal with an 85.27% average. Fall semester had one student who did not take the exam and received a zero which brought down the average.

Ask yourself:

What does this data suggest?

Why did the results turn out this way?

Step 5: Review Results

Exam Results

**Massage Therapy Program
Diverse Populations
Final Exam**

2019-2020

LastName	FirstName	Test Date	Score	Semester
		4-Dec-19	0%	Fall 2019
		4-Dec-19	60%	Fall 2019
		4-Dec-19	72%	Fall 2019
		4-Dec-19	72%	Fall 2019
		4-Dec-19	72%	Fall 2019
		4-Dec-19	74%	Fall 2019
		4-Dec-19	74%	Fall 2019
		4-Dec-19	81%	Fall 2019
		4-Dec-19	81%	Fall 2019
		4-Dec-19	81%	Fall 2019
		4-Dec-19	81%	Fall 2019
		4-Dec-19	81%	Fall 2019
		4-Dec-19	82%	Fall 2019
		4-Dec-19	82%	Fall 2019
		4-Dec-19	82%	Fall 2019
		4-Dec-19	82%	Fall 2019
		4-Dec-19	82%	Fall 2019
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		4-Dec-19	86%	Fall 2019
		4-Dec-19	86%	Fall 2019
		4-Dec-19	87%	Fall 2019
		4-Dec-19	87%	Fall 2019
		4-Dec-19	87%	Fall 2019
		4-Dec-19	87%	Fall 2019
		4-Dec-19	88%	Fall 2019
		4-Dec-19	88%	Fall 2019
		4-Dec-19	88%	Fall 2019
		4-Dec-19	90%	Fall 2019
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		4-Dec-19	90%	Fall 2019
		4-Dec-19	90%	Fall 2019
		4-Dec-19	90%	Fall 2019
		4-Dec-19	92%	Fall 2019
		4-Dec-19	92%	Fall 2019
		4-Dec-19	93%	Fall 2019
		4-Dec-19	94%	Fall 2019
		4-Dec-19	95%	Fall 2019
		7-May-20	60%	Spring 2020
		7-May-20	71%	Spring 2020
		7-May-20	72%	Spring 2020
		7-May-20	74%	Spring 2020
		7-May-20	80%	Spring 2020
		7-May-20	80%	Spring 2020
		7-May-20	81%	Spring 2020
		7-May-20	81%	Spring 2020
		7-May-20	81%	Spring 2020
		7-May-20	81%	Spring 2020
		7-May-20	81%	Spring 2020
		7-May-20	82%	Spring 2020
		7-May-20	82%	Spring 2020
		7-May-20	82%	Spring 2020
		7-May-20	83%	Spring 2020
		7-May-20	84%	Spring 2020
		7-May-20	85%	Spring 2020
		7-May-20	87%	Spring 2020
		7-May-20	87%	Spring 2020
		7-May-20	87%	Spring 2020
		7-May-20	87%	Spring 2020
		7-May-20	88%	Spring 2020
		7-May-20	90%	Spring 2020
		7-May-20	90%	Spring 2020
		7-May-20	90%	Spring 2020
		7-May-20	90%	Spring 2020
		7-May-20	91%	Spring 2020
		7-May-20	92%	Spring 2020
		7-May-20	96%	Spring 2020
		7-May-20	96%	Spring 2020
		7-May-20	97%	Spring 2020
		7-May-20	100%	Spring 2020
		7-May-20	100%	Spring 2020

	Average Score	Number of students
Fall 2019	82.15%	46
Spring 2020	85.27%	30
Total	83.38%	76

Sample evidence document (screen shots of a spreadsheet). Notice student names are redacted.



In Weave, this is still the Measure section under Criterion for Success

Review Results

Data

Finding: **Sample Results**
Fall 2019: 82.15% (46 students)
Spring 2020: 85.27% (30 students)
Overall Average for the Academic Year:
83.38% average (76 students)

Analysis: The fall semester students missed achieving an 85% average goal, but the spring semester students met the goal with an 85.27% average. Fall semester had one student who did not take the exam and received a zero which brought down the average.

Ask yourself:

What does this data suggest?

Why did the results turn out this way?



In Weave, this is still under Measures. Use the Improvements Achieved section

Sample plan for improvements

Improvement(s) Achieved: This is the first time to measure this goal and baseline data is being established. However, test scores could be higher so that one or two low or zero scores do not dramatically affect the average.

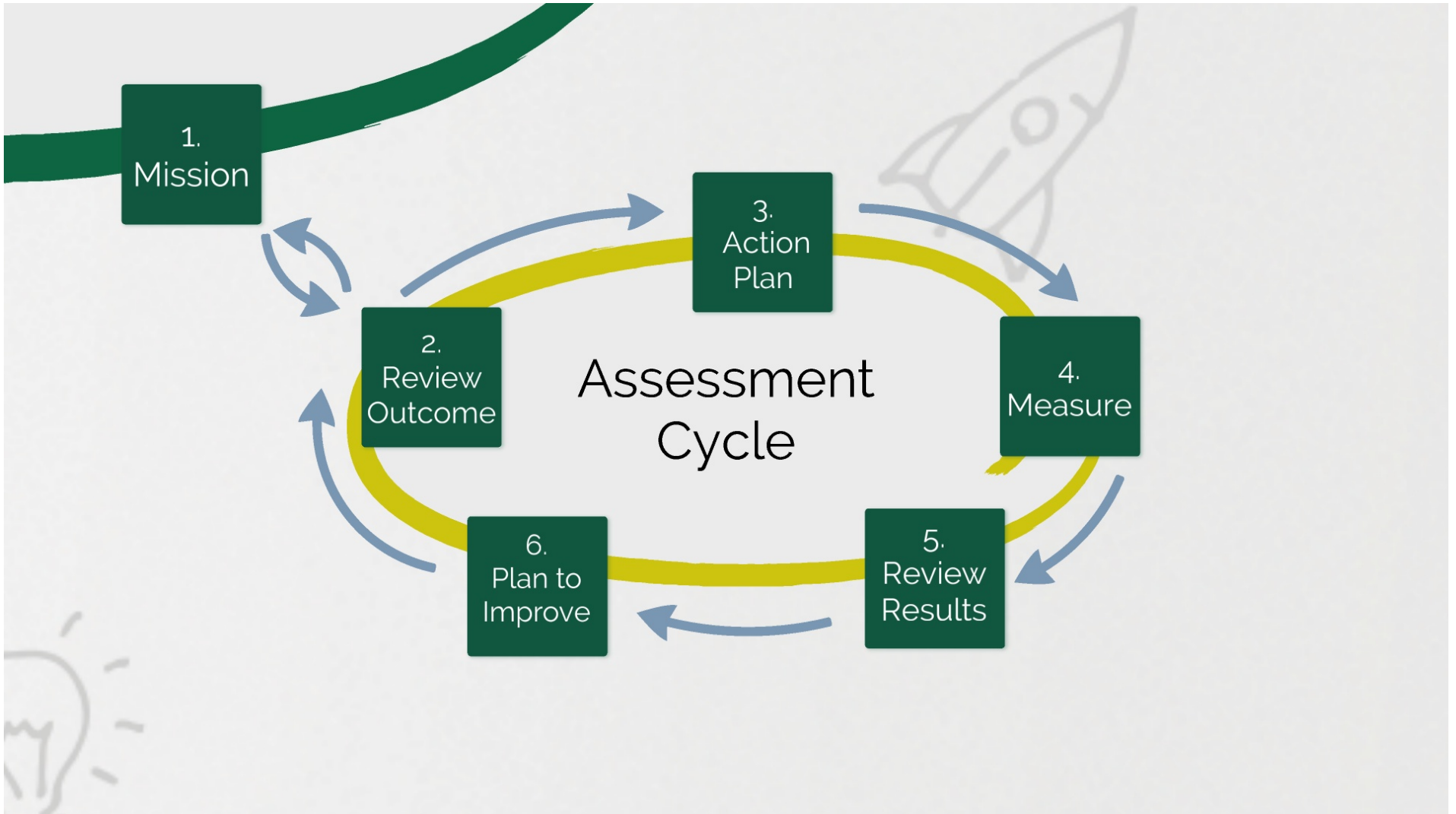
- Prior to the next course offering, faculty will complete an **Item Analysis** to determine which questions students are missing the most, then determine if that material needs to be covered in more depth, and if the questions need to be improved.
- Faculty also plan to provide a course review prior to the exam.

Plan for Improvement

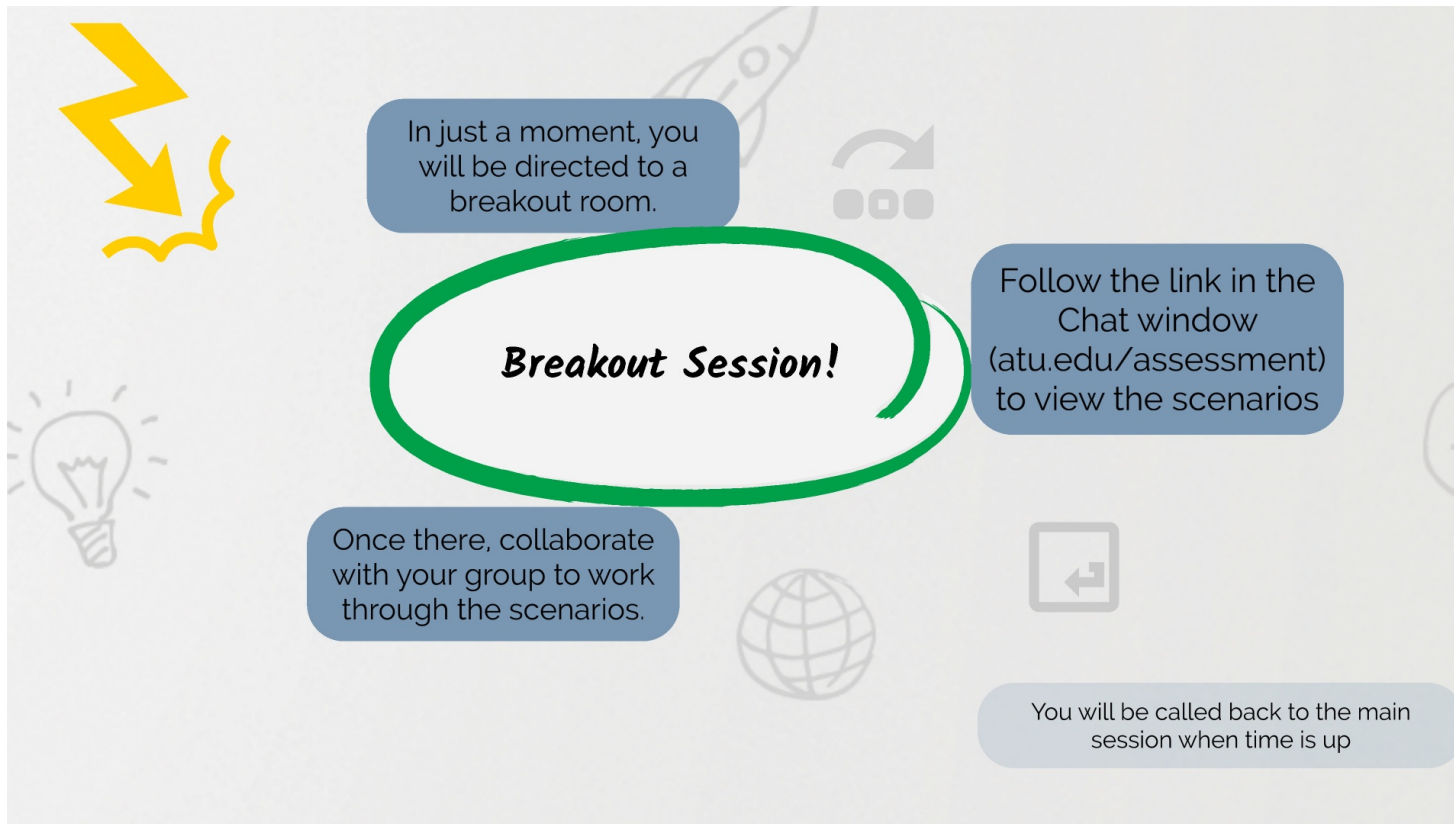
Collect the data!

This becomes part of the Action Plan for the next cycle!

Step 6: Plan to Improve



Assessment Cycle Overview



View the assessment data scenario here:

<https://www.notion.so/atu-oaie/Meaningful-Practical-Use-of-Assessment-Data-Scenario-1dd0a4f2c4104c24a59bee8461ff74cd>

Complete Steps 5 and 6 using the link provided in the scenario.

Ask yourself:

What did
you learn?

Time to debrief

What
challenges
did you
encounter?

How can you
apply this to
your program?

Next steps:

- **complete your annual assessment in Weave**
- **reach out if you need help**



Help!

Reach out to me if you'd like help with your:

- Annual Assessment Plan
- Program Learning Outcomes
- Assessment Measures
- Or any other step in the cycle

Amanda Gardner

agardner6@atu.edu

www.atu.edu/assessment

Phone: (479) 880-4278



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