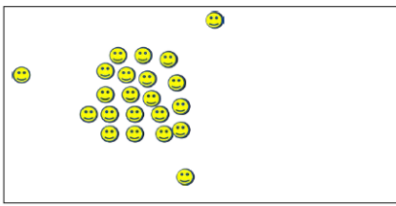
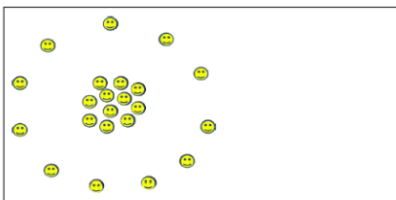


## Resources Agreement Circle

Renewable resources can be replaced in a short amount of time and include air, water, natural gas, animals, and plants.

If you agree with the entire statement, move toward the center of the circle.



## Commit and Toss

Why is conservation important?

### Response Cards

<b>T</b>	Yes
<b>F</b>	No
<b>A</b>	Maybe
<b>B</b>	😊
<b>C</b>	😐
<b>D</b>	😞

# Formative Assessment

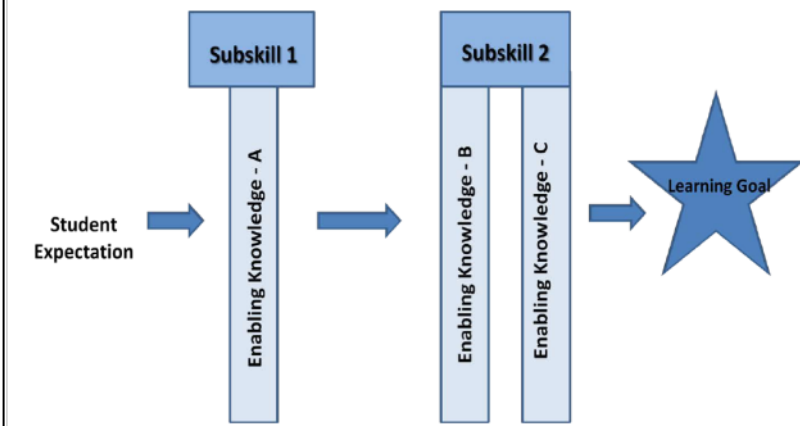
## Definitions of Assessment

<b>Diagnostic</b>	
<b>Formative</b>	
<b>Summative</b>	

Keeley, P. (2008). Science formative assessment. Thousand Oaks, CA: Corwin Press.

A learning progression is a sequenced set of subskills and bodies of enabling knowledge that, it is believed, students must master en route to mastering a more remote curricular aim.

- Popham, W.J. (2008)



### When to Assess

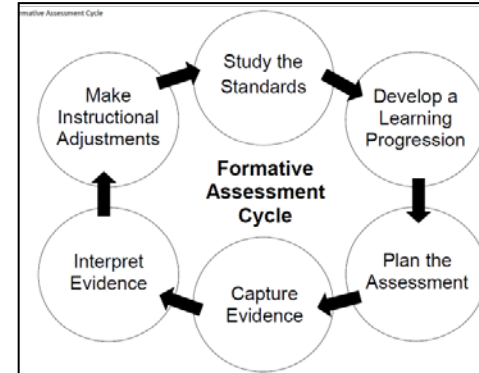
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- 

### How to Assess

- 

### Which is the Odd One Out?

conserve  
ration  
reuse  
save  
waste



## Planned Interventions

If some students do NOT display the correct answer, interventions should occur and should be pre-determined.

- What factor(s) will indicate the need for an intervention?
- What factor(s) will influence the type of intervention?

## 7 Strategies of Assessment for Learning

- Provide a clear and understandable vision of the learning targets.
- Use examples and models of strong and weak work.
- Offer regular descriptive feedback.
- Teach students to self-assess and set goals.
- Design lessons to focus on one aspect of quality at a time.
- Teach students focused revision.
- Engage students in self-reflection, and let them keep track of and share their learning

Richard J. Stiggins

# IVE ENT



## Friendly Talk Probe

Three friends in Mrs. Williams' class were discussing the resources. This is what they said:

**Pat:** "Nonrenewable resources include coal, oil, and natural gas."

**Olive:** "Nonrenewable resources involve resources that are renewed through cycles such as the water cycle, life cycle, and carbon dioxide-oxygen cycle."

**Avery:** "Nonrenewable resources do not need to be conserved because they can be replaced in a short amount of time."

Which friend do you agree with most? Explain your thinking.

## Justified List

Put an X in the blank next to words that describe or provide an example of a renewable resource.

___ air	___ made by Earth	___ oil
___ animals	___ natural gas	___ plants
___ coal	___ natural resource	___ rocks
___ easily replaced	___ not easily replaced	___ water

## Four Corners

A	B	C	D
Renewable resources include water, air, and rocks.	Nonrenewable resources include coal, oil, and natural gas.	Renewable resources cannot be replaced quickly or easily.	Using paper plates is a way to conserve resources.

# FORMAT ASSESSM

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