



Introduction to Ipsative Assessment

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Summative Assessments: Assessment **of** Learning

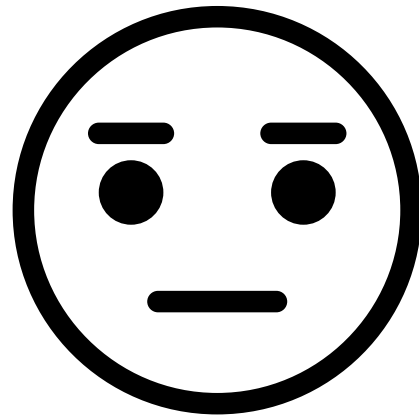


Formative Assessments: Assessment **for** Learning



Ipsative Assessments: Assessment **as** Learning

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Summative <i>Assessment of Learning</i>	Formative <i>Assessment for Learning</i>	Ipsative <i>Assessment as Learning</i>
“Done to” the coder	“Done for” the coder	“Done by” the coder
Traditional	Constructivist/constructionist	Self-reflective
Centered on a facilitator	Centered on the coding	Centered on the coder
Coders are passive learners	Coders are active learners	Coders are active learners
Occurs after instruction	Integrated with instruction	Integrated with instruction
Competitive	Collaborative	Personal
Helps facilitators assess perceived understanding of coding	Helps coders learn through feedback from others	Helps coders learn through self reflection
Limits communication between facilitator, coders, and peers	Increases communication between facilitator, coders, and peers	Increases communication between facilitator, coders, and peers
May create extrinsic rewards and does not accurately represent a coder’s understanding	May interrupt a coder’s active experiences with coding	Can lack focus without guidance (e.g., prompts) and feedback from a facilitator or peers
An example summative assessment might include a test or synthesis project that is graded by “correctness” or criteria	An example formative assessment might include questions asked by a facilitator during process or a synthesis project with reflection; possibly includes minimum criteria	An example ipsative assessment might include a reflection journal or reflective questions regarding understanding of coding concepts and practices in relation to prior projects, which may also be discussed with a peer or facilitator

Example ipsative questions

- ▶ How is this project similar or different from previous projects?
- ▶ What's something you learned in this project that you wish you knew in previous projects?
- ▶ What questions do you have about coding that you could explore in your next project?

**Self-assessment
questions?**

**Of course I'll
answer them honestly**

Follow-up with more questions

- Can you walk me through each step of the algorithm?
- What happens if you change this (point) number to a larger or smaller number?
- When might you use code like this in another project?
- What happens if we change the order of the algorithm?
- What could you add or change to this algorithm and what do you think would happen?
- How might you use code like this in everyday life?

Resources to learn more

- ▶ www.JaredOLEary.com
 - ▶ Presentations
 - ▶ Introduction to Ipsative Assessment

