

Goal-Directed Learning Tech Talks

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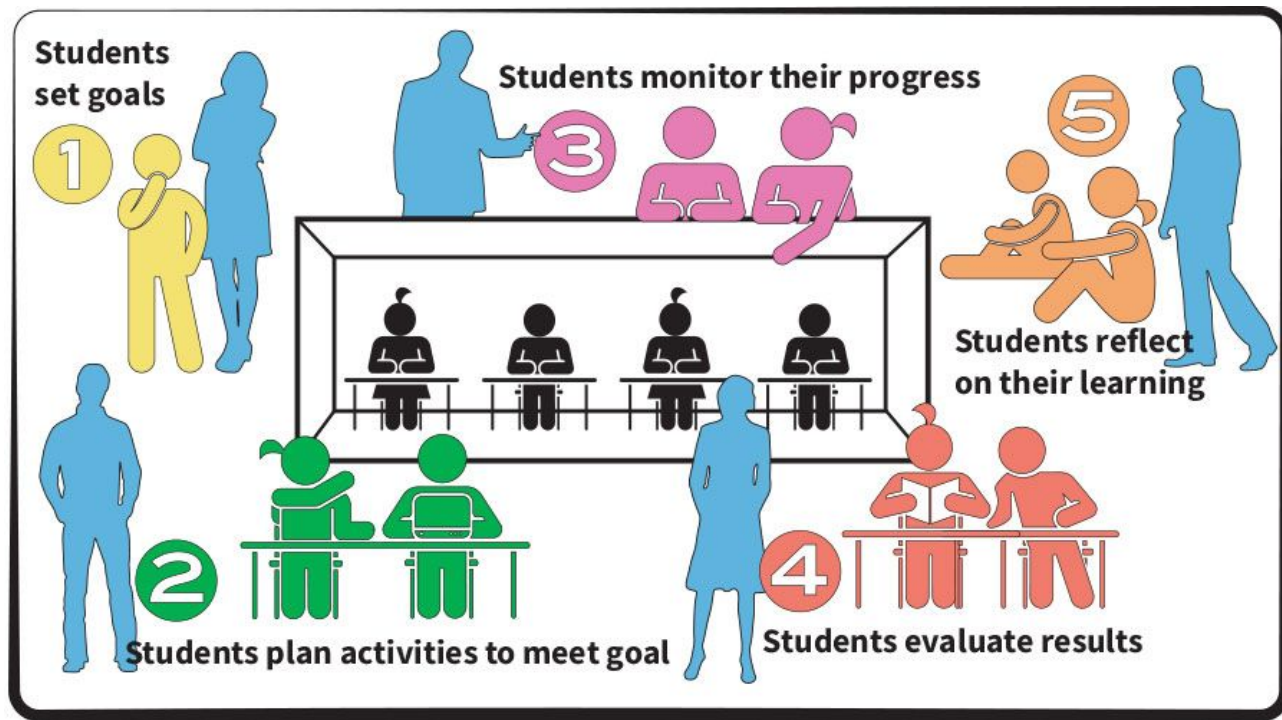
What Are We Learning?

“After this tech talk, educators will be able to apply instructional technology principles to support **goal-directed learning** using 5 student activities.”

What Are We Doing?

1. What is a **goal-directed learning**?
2. What are the **five student activities** that promote goal-directed learning?
 - Resource wrap-up

What is Goal-Directed Learning?



["Student Centered Learning"](#) image by [Roy Winkelman](#) of the [Florida Center for Instructional Technology](#).

What is Goal-Directed Learning?

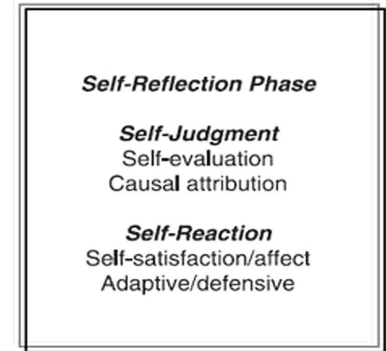
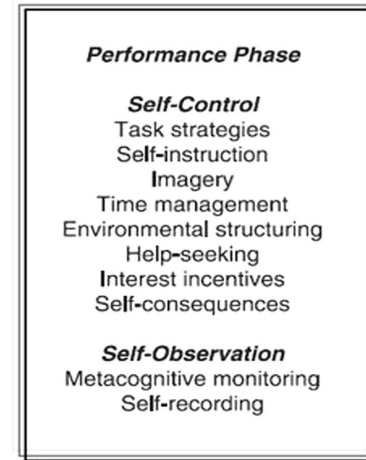
- Guided by... (Shuy, 2010)
 - Cognition: "What I am doing." = encode and recall (study skills)
 - Metacognition: "How I am doing it." = awareness and monitoring
 - Motivation: "I believe I can do it." = beliefs and attitudes
- Benefits: improves autonomy, independence, resilience, motivation.
- Based in self-regulation – managing behavior, reactions, and feelings.

Shuy, T. (2010). Self-Regulated Learning. *Teaching Excellence in Adult Literacy*. 3, 1-3.



Zimmerman's (2009) Cyclic Phase Model of Self-Regulated Learning

Start



Adapted from Zimmerman, B. J., and Moylan, A. R. (2009). "Self-regulation: where metacognition and motivation intersect," in *Handbook of Metacognition in Education*, eds D. J. Hacker, J. Dunlosky, and A. C. Graesser. New York, NY: Routledge, 299–31.



OPSRC

5 student activities for goal-directed learning

1) Set goals.	• Forethought phase
2) Plan activities to meet goals.	• Performance phase
3) Monitor progress.	
4) Evaluate results.	• Self-reflection phase
5) Reflect on their learning.	

- ❑ **Explicitly explain how self-regulation strategies are useful and support students picking the right strategies for them (Toro, 2021).**

Toro, S. (2021). How to Guide Students to Self-Regulated Learning. *Edutopia*.
<https://www.edutopia.org/article/how-guide-students-self-regulated-learning>



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1) Students set goals

- Activities: regularly set short & long term SMART goals. Promote appropriate outcome expectations and time management.
- Tech support: [Canva for Education's goal planner templates](#).

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Specific



Measurable



Attainable



Relevant



Time Based

“[SMART goals](#)” by Dungdm93 is licensed under [CC BY-SA 4.0](#).



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2) Students plan activities to meet goals

- Activities: chunking, outlining, diagramming, highlighting, and identifying resources.
- Tech support: [Coggle](#)'s flowcharts and [mind maps](#).

3) Students monitor progress

- Activities: checklisting, social accountability, anticipate obstacles, celebrate milestones, and exercise leniency.
- Tech support: [Seesaw](#)'s portfolio feed and note tools.

**For 3-5, refer to goals and plans to meet those goals.*

4) Students evaluate results

- Activities: corrective feedback, self-questioning, mood cards, peer review, and reinforcement.
- Tech support: [Quizizz](#)'s review and reporting tools on formative assessments.

[Stimulate your students with these 10 creative self assessment ideas](#) by Lucie Renard from [BookWidgets Teacher Blog](#).



5) Students reflect on their learning

- Activities: [exam wrappers](#), journaling, think-pair-share, “pluses and deltas”, and observing behaviors.
- Tech support: [Blogger](#) for dated progress.

Need technology tools? OPSRC's Tech Talks

- Graphic design: Book creator, **Canva**, Adobe Creative Cloud Express (formerly Adobe Spark).
- Ideas & organization: Wakelet, **Coggle**, Jamboard.
- Portfolios: **Seesaw**, Google Sites, **Blogger**.
- Assessment: **Quizizz**, Kahoot!, Nearpod.
- Video: Flipgrid, YouTube, Screencastify.

Tech Talks by Oklahoma Public School Resource Center (OPSRC).



Goal-Directed Learning Resources

- [Goal-Directed Learning descriptors and videos](#) by [FCIT](#).
- [Goal-Directed Learning](#) by [Roy Winkelman](#).
- [Self-Regulated Learning](#) by Tanya Shuy from [the TEAL Center](#).
- [How-to Instruction for Self-Regulated Learning Strategies](#) by [NRC/GT](#).
- [Develop Self-Regulated Learners: Choosing and Using the Best Strategies for the Task](#) by [Karin Kirk](#).
- [10 creative self assessment ideas](#) by [Lucie Renard](#).
- [7 Reflection Tips for Assessment, Empowerment, and Self-Awareness](#) by [James Kobialka](#).

Thank you!

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