Student Centered 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 student centered learning."

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What Are We Doing?

1. What is a **student centered learning**?

2. What is **the student's role** in student centered learning?

3. What is **the educator's role** in student centered learning?

- Resource wrap-up

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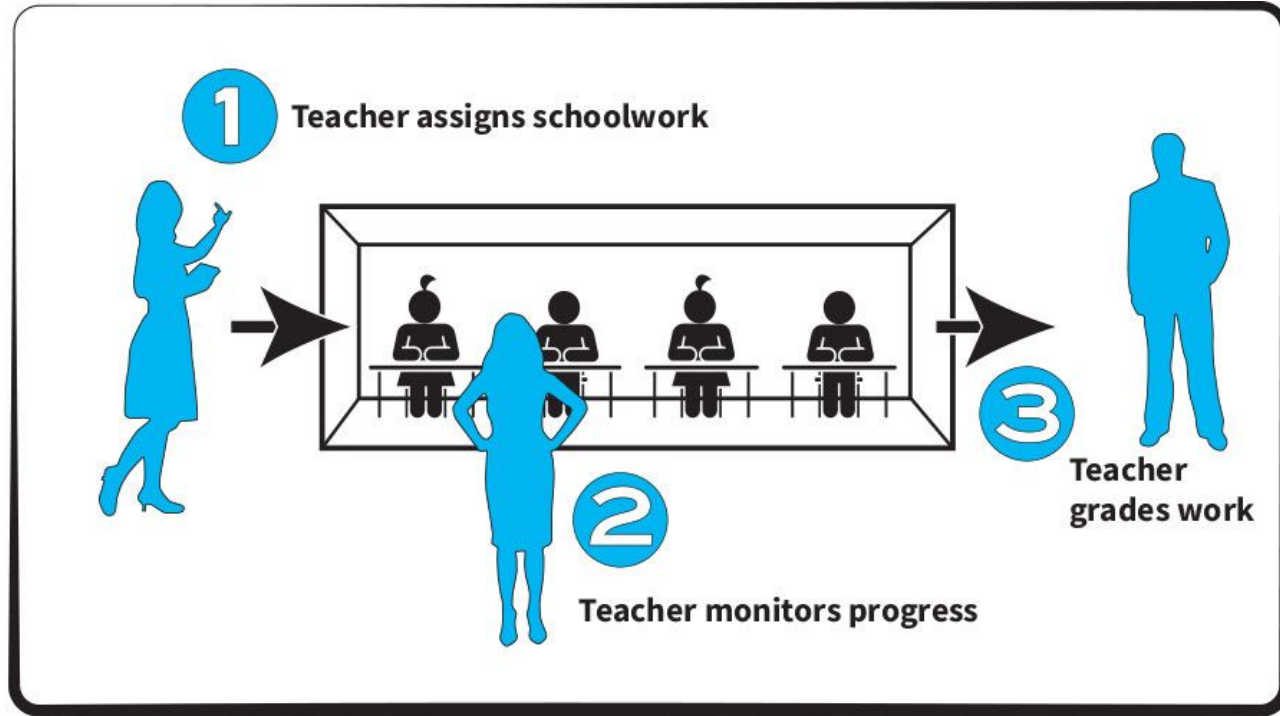# What is a Student Centered Learning?

- Definition: instruction that focuses on the **<u>needs</u>** and **<u>interest</u>** of students by means of their **<u>active participation</u>** and **<u>ownership</u>**.

- Based in the constructivist learning theory - learning occurs when students are actively constructing knowledge based on **<u>their experiences</u>** (Elliott et al., 2000, p. 256).

- Benefits: develops independence and **<u>self-regulation</u>** skills, students own their learning, empowers students by acknowledging their unique voice and experiences.

Elliott, S.N., Kratochwill, T.R., Littlefield Cook, J. & Travers, J. (2000). Educational psychology: Effective teaching, effective learning (3rd ed.). Boston, MA: McGraw-Hill College.
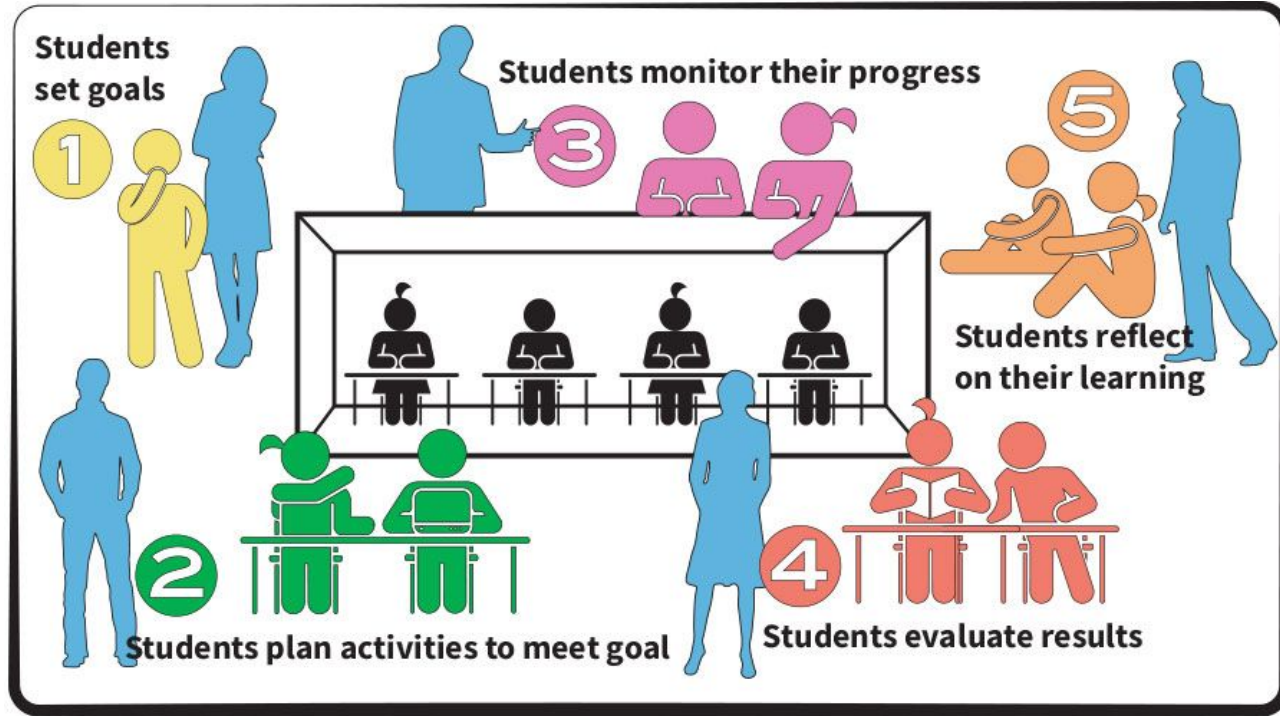
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Teacher Centered Learning

"Teacher Centered Learning" image by Roy Winkelman of the Florida Center for Instructional Technology.

Student Centered Learning

"Student Centered Learning" image by Roy Winkelman of the Florida Center for Instructional Technology.

Students in student centered learning

- Actively participate.

- Make (good) choices - the "HOW?".

- Leverage resources.

- Communicate and collaborate.

- Monitor progress and reflect on learning.

ISTE Standards for Students by the International Society of Technology in Education (ISTE) and Technology Integration Matrix by Florida Center for Instructional Tech.

Teachers in student centered learning
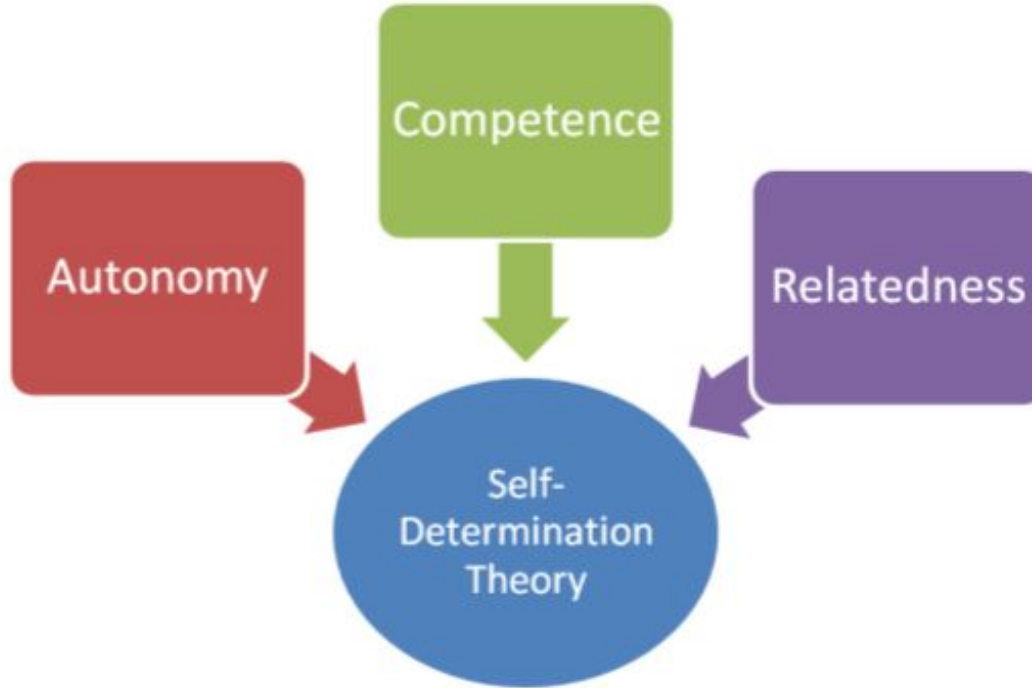
- Start with <u>open-ended interest</u> then set time to <u>explore</u>.

- Be a <u>facilitator</u> - teach how to **manage learning**.

- Adopt <u>standards</u>, <u>frameworks</u>, and <u>learning theories</u> (such as <u>SDT</u>) that align with student centered learning.

- To empower students, leverage appropriate <u>technology</u> (see <u>TIM Instructional Planning Model</u>).

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Self Determination Theory (SDT)

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TIM Instructional Planning Model
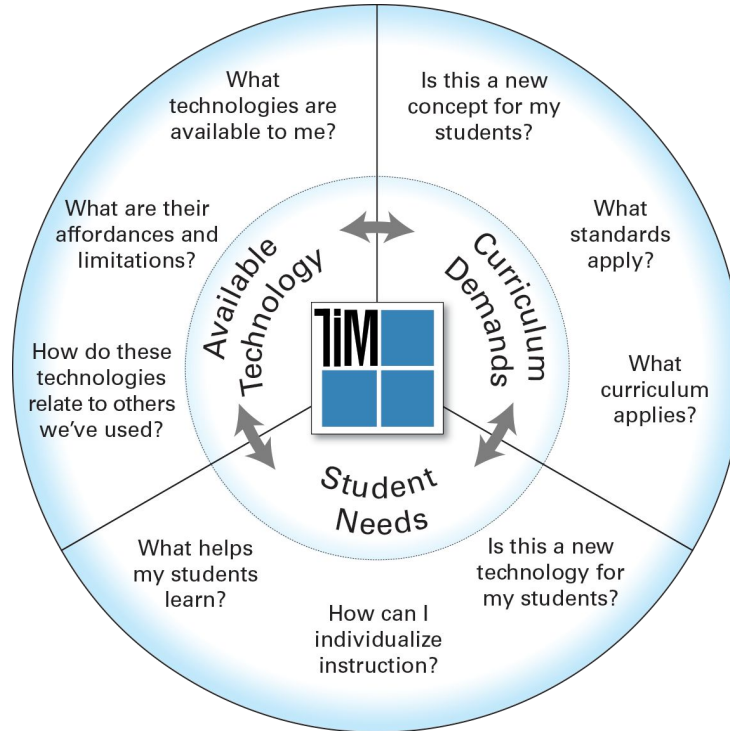
"TIM Instructional Planning Model Illustration" reproduced from: Harmes, J. C., Welsh, J. L., & Winkelman, R. J. (2016). A framework for defining and evaluating technology integration in the instruction of real-world skills. In S. Ferrara, Y. Rosen, & M. Tager (Eds.), Handbook of research on technology tools for real-world skill development (pp. 137-162). Hershey, PA: IGI Global.

Need technology tools? OPSRC's Tech Talks

- Graphic design: **Book creator**, **Canva**, Adobe Creative Cloud Express (formerly Adobe Spark).

- Video: **Flipgrid**, YouTube, Screencastify.

- Assessment: Quizizz, Kahoot!, Nearpod.

- Portfolios: **Seesaw**, Google Sites, Blogger.

- Ideas & organization: **Wakelet**, **Coggle**, Jamboard.

- Misc: **Google Docs, Google Drive.**

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

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Student Centered Learning Resources

- [Student-Centered Learning](#) by [the International Society of Technology in Education (ISTE)](#).

- [Technology Integration Matrix (TIM)](#) by [Florida Center for Instructional Technology (FCIT)](#).

- [ISTE Standards for Students](#) by [ISTE](#).

- [Student-Centered Learning: It Starts With the Teacher](#) by [John McCarthy](#)

- [Self-Determination Theory](#) by [the Center for Self-Determination Theory](#).

- [TIM Instructional Planning Model](#) by [FCIT](#).

- [4 Ways Educators Can Lean into Student-Led Learning](#) by [Olivia Jones](#).

- [9 Inspiring Student-Led Formative Assessment Activities](#) by [Lee Crockett](#).

Thank you!

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- Want more? opsrc.net/techtalks

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