

ITEC 7460 One-Hour Technology Workshop Lesson Plan

Learning Objectives:

- Teachers will become familiar with the ISTE (NETS) technology standards for teachers and students and how these standards tie to common core standards.
- Teachers will create a Spiral account and be able to navigate the Clip tool on the website.
- Teachers will create an instructional assignment using Clip so that their students can engage in learning content that is taught in class.
- Teachers will discover how to use Clip to increase student achievement and develop flexible formative assessments for monitoring student learning.
- Teachers will discuss goals for implementing this new technology into their classrooms as a way of promoting students learning and engagement.

NETS-T Standards:

Standard 2: Design and Develop Digital Age Learning Experiences and Assessments.

Teachers design, develop, and evaluate authentic learning experiences and assessment incorporating contemporary tools and resources to maximize content learning in context and to develop the knowledge, skills, and attitudes identified in the NETS-S.

- a. Design or adapt relevant learning experiences that incorporate digital tools and resources to promote student learning and creativity.*
- b. Develop technology-enriched learning environments that enable all students to pursue their individual curiosities and become active participants in setting their own educational goals, managing their own learning, and assessing their own progress.*
- c. Customize and personalize learning activities to address students' diverse learning styles, working strategies, and abilities using digital tools and resources.*

Standard 5: Engage in Professional Growth and Leadership

Teachers continuously improve their professional practice, model lifelong learning, and exhibit leadership in their school and professional community by promoting and demonstrating the effective use of digital tools and resources.

- a. Participate in local and global learning communities to explore creative applications of technology to improve student learning.*
- b. Exhibit leadership by demonstrating a vision of technology infusion, participating in shared decision making and community building, and developing the leadership and technology skills of others.*

- c. *Evaluate and reflect on current research and professional practice on a regular basis to make effective use of existing and emerging digital tools and resources in support of student learning.*

Materials:

Laptops, [Clip Instructions](#) handout, [NETS-T](#) handout, [NETS-S](#) handout, [Agenda](#)

*****Note - Be sure that all teachers are able to login to Spiral before workshop**

Workshop Procedure:

1. Introduce the workshop by reinforcing school improvement goal: develop and deliver flexible formative assessments in all core content areas for monitoring student progress and adjusting instruction to meet individual student learning needs.
2. Have participants take the pre-workshop survey.
3. Pass out the Agenda, NETS-T, and NETS-S Standards. Have teachers view and discuss standards that may not be currently implemented.
4. Distribute “Spiral support for Clip” handout while teachers navigate to <https://spiral.ac/>
5. Show a pre-made Clip example.
6. Model how to create Clip.
7. Have teachers create a Clip assignment similar to the example shown.
8. Allow teachers to discuss how Clip could impact student achievement and how it can be used to monitor and assess student learning in core content areas.
9. Finally, teachers will take the post-workshop survey.

Evaluation/Assessment:

Informal Assessment: Instructor will informally assess teachers on their understanding of the features of Spiral Clip by observing them as they create their own instructional assignment. The instructor will provide guidance for teachers who appear to have challenges with designing Clip.

Formal Assessment: Teachers will complete both pre- workshop and post-workshop surveys and results will be analyzed and evaluated by the instructor.

Follow-Up Observations: Teachers will be observed periodically to ensure understanding of the assignment.