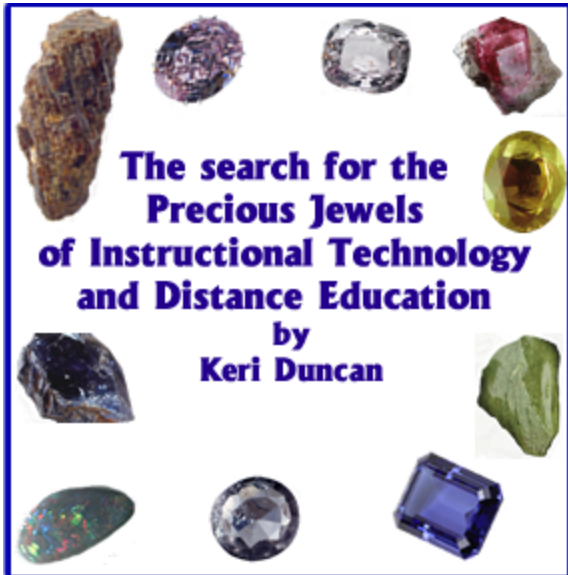# 10 Guiding Principles Story Board
Video integrating voice over, still images, and live action video
By Keri Duncan

Overall Notes: Low volume background audio throughout video.
Title: The search for the rare jewels of Instructional Technology and Distance Education

Scene: Title Slide The search for the rare jewels of Instructional Technology and Distance Education.
Script: My name is Keri Duncan and during this short video we will search for the 10 rare jewels for Instructional Technology and Distance Education.

Production Notes: Jewels of diamonds, gold, rubies, pearls etc will show throughout the screen. Text will be in the middle. Text will "glitter" or "sparkle"

Time: 5 seconds

Scene: Guiding Principle #1: **Be sure the media you choose is an appropriate vehicle for the content to be taught.**
Script: First jewel is the rare blue Tanzanite. From Clark's statement that media are mere vehicles, be sure the media you choose is an appropriate vehicle for the content to be taught.

Production Notes:Jewel appears then the text. As the dialog continues, the other images fade in.

Time: 25 seconds

Scene: Guiding Principle #2: Know how to evaluate resources and technologies for their use

Script: The next jewel is the Jadeite. It may look like common jade but is not. Just as teachers need to be able to evaluate the uses of technology tools, software and hardware for their unique qualities and how they can best be used for their unique qualities in the instructional process.

Production Notes: Have the jewel and name appear, then the principle. Show a picture of a tool - Thinglink - then a picture of the evaluation form

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Time: 25 seconds

Scene: Guiding Principle #3: **Design and Plan your lessons intentionally: Use the ASSURE method.**

Script: The third jewel is the rare black Opal from Australia. Just as it has many glittering colors that stand out, the ASSURE Model and its steps come together for a well planned lesson for students.

Production Notes: show jewel and name, then principle. Then have the ASSURE parts of lesson planning appear on the screen one after the other
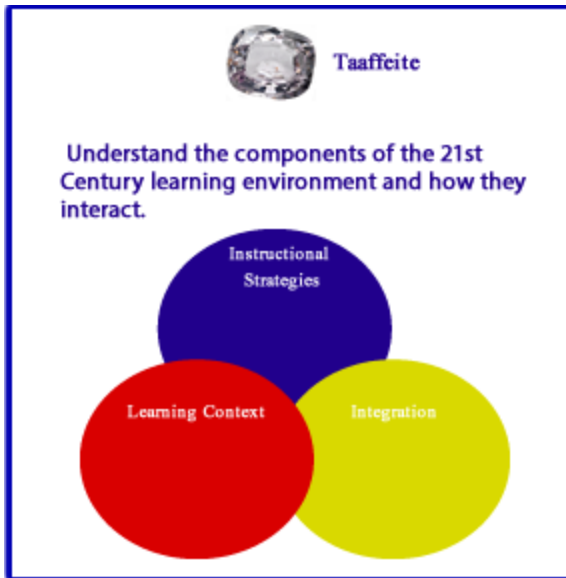
Smaldino pg 39

Time: 25 seconds

Scene: Guiding Principle #4: **Use the ISTE Nets-S and Nets-T to guide your lessons.**

Script: The next jewel is the Alexandrite representing the principle that integrators of instructional technology must use the ISTE Nets - S and Nets - T to guide their lessons. Sound use of these standards will allow teachers and students to become well rounded 21st century digital citizens that are users and creators of technology.

Production Notes: Have jewel appear, then principle. Then animate the NETS - S and NETS-T graphics while the narration discusses the standards.

Time: 25 seconds

Scene: Guiding Principle #5: **Understand the components of the 21st Century learning environment and how they interact.**

Script: The next jewel is the Taaffeite that seems clear but has many subtle colors representing the principle that teachers must understand the components of the 21st learning environment and how they interact.

Production Notes: Jewel appears on the screen then the principle in the center. Have the circle diagram appear one circle at a time for learning context, instructional strategies, then integration.
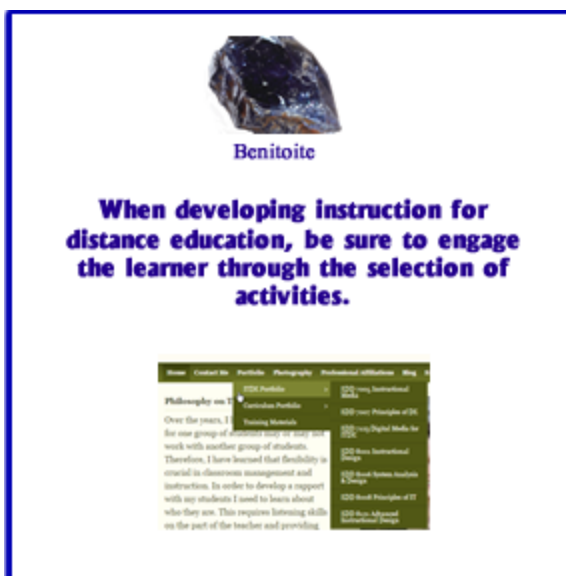Smaldino Pg 63
Time: 25 seconds

Scene: Guiding Principle #6: **Make time to train teachers in the effective use of technology for instruction.**

Script: The sixth jewel is the diamond and the importance to making time to train teachers in the effective use of technology use for instruction. As teachers learn to effectively use various technology tools, they change from charcoal to diamonds for their students.

Production Notes: Jewel is pink star diamond, move from "title" to show pictures and video of teachers in staff development and teachers using technology in their classroom.
Smaldino pg 220
Time: 25 seconds

Scene: Guiding Principle #7: **When developing instruction for distance education, be sure to engage the learner through the selection of activities.**

Script: The next jewel is the Benitoite representing the principle that when teachers are developing instruction for distance education, be sure to engage the learner through the appropriate selection of activities. When working through a separation of distance from the instructor and the learner, the instructor needs to develop the activities that maximize the type of learning environment.

Production Notes: Have Jewel and name appear, then have principle appear. After principle appears show screenshot of online learning activity and examples of activities like webpage portfolio etc.
Smaldino pg 134

Scene: **Guiding Principle #8: Be mindful of security and safe practices when having students use technology, especially online.**

Script: The seventh jewel is the onxy. Black in color it reminds of of the darker side of things. When using technology with students it is important to remember to be mindful of security and safe practices and how to keep students safe online.

Production Notes:Jewel appears, then principle. Show screen capture of website of netsmartz and staying safe online.
Smaldino pg 138
Time: 25 seconds

Scene: Guiding Principle #9: **Understand the meaning of instructional technology as the integration of teacher and student use and knowledge of tools, resources and techniques to improve student learning.**

Script: This major jewel is one of the most precious, the red beryl which relates to the most precious principles that you must understand the meaning of instructional technology as the integration of teacher and student use and knowledge of tools, resources and techniques to improve student learning.

Production Notes: Jewel appear, then principle. Cut to various pictures of students and teacher with technology including SMARTboard, laptop computers, document camera, tablets etc.
Pg. 2 Smaldino
Time: 25 seconds

Scene: Guiding Principle #10: **Understand the phases of technology adoption and how to progress through the stages.**

Script: the final jewel is the Musgravite with its subtle color changes. The Final principle is to understand the phases of technology adoption and integration and how to progress through the stages. Teachers need to move from doing old teaching content with new tools to new methods with new tools. They move from lecture notes on power point to completely interactive lessons with flipped classrooms.

Production Notes: Show jewel then principle. Then show the picture of the integration matrix of technology and pan across the matrix. Show one picture of a teacher with powerpoint, and one teacher with SMARTboard lesson to show the difference in types

of technology integration. Show short video of teacher that tells of how she has progressed through the integration matrix.
Smaldino pg 13
Time: 25 seconds

Scene: Conclusion:

Script: Through this short video you have seen 10 rare jewels in instructional technology and distance education. When designing lessons for students, or looking to further research in the field, it is important to treasure these jewels and places them in prominent positions as you continue to mine for new treasures in the field of instructional technology and distance education.

Production Notes: "Talking head" of me stating the conclusion. It will be in front of green screen with mines in the background and technology tools coming out of the mines.

Time: 10 seconds

Smaldino, S. E., Lowther, D. L., Russell, J. D., & Mims, C. (2015). Instructional technology and media for learning (11th ed.). Upper Saddle River, NJ: Prentice Hall.

Scene: References:
Script: No audio

Production Notes: This will be scrolling text of the various references. Different jewels will be the "bullets" for each new reference.

Time: 15 seconds