

Culturally Responsive Pedagogy in Computer Science

Instructional Planning Template

Instructions: Fill in the CRP in CS lesson plan using the template below.

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Title: Hopi High School 4-Year Plan	
Grade Level: 9th - 12th grade	
Content Area/s: Graduation Credits (College & Career Readiness)	
Length: 1 week	
Which CS Standards are addressed? CSTA K-12 Standards	
Are other standards included? New Mexico Content Standards Arizona Content Standards Common Core Literacy Standards ISTE Standards for Students	
Learning Objective(s): What is the purpose of your lesson? An understanding, attitude, appreciation? A concept? A skill? Ability? State specifically what you intend to have your students achieve, present, or demonstrate.	Students will be able to review their credits for graduation. Students will use their transcript to review classes & credits. Students will know what classes they past and classes to complete for graduation.

Instructional Process(es): What teaching method(s) will most likely bring about the desired understanding, concept, skill(s), abilities, etc. Lesson is clearly sequenced and with appropriate transitions.	Class presentation will cover graduation requirements.
Classroom Learning Environment: How will you organize your classroom so that your students achieve your stipulated objective(s)? Whole class, small groups, individual, team learning, learning centers, individual centers, and group projects?	Give students their transcript. Review credits, GPA, and class rank as a class. All students will participate in the lesson plan.
Materials/Resources/Technology: What materials must students use to attain the objective(s)? What technological support is needed to implement the materials?	Unofficial transcript Computer Internet service
Inclusion: Understands the development and use of inclusive educational practices; and addresses the needs of diverse learners.	Inclusion students will be given extra time to complete the lesson. May require extra support from ESS teachers.

Culturally and linguistically responsive pedagogy How does your lesson/unit connect to CRP and the cultural, linguistic and/or home experiences of your students?	After students complete the lesson plan they will be more familiar with their graduation credit. Students will share their graduation credits with their parents or guardians. This will help them stay on the same page for graduation.
Assessment of Students' performance: What procedures, tools, and/or instruments will you use to determine if your students met the learning objective(s)? Different assessments are used: diagnostic, formative and summative. Keep in mind that objectives, assessment and instruction are aligned with each other.	The students will do the Hopi High School 4-Year plan by checking classes completed. When the students complete the task they should get the same amount of credits on their transcript.

Day 1 Coding Class

- Introduction of Code.org
- Background information on coding
- Show samples of coding

Day 2

- Review transcript
- Review graduation credits

Day 3

- Send students the Hopi High School 4-Year Plan app
- Students will check classes completed in the app
- Students will know how many credits they have

Day 4

- Students will use the App and look at codes used
- Student will play with codes and get an idea how it works
- Students will start brainstorm an App they want to create

Day 5

- Students will design their App
- Students will start coding

Day 6

- Assist students with their App
- Students will present their App