

RAMPED – Summer 2016

Easy Lesson Plan Template¹

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P = Pretest (think essential questions)

O = Objectives (measurable - see Bloom's taxonomy)

C = Catch (hook, anticipatory set, etc... use different senses, not a question)

A = Activity (procedure of what the students should do)

R = Review (how will students go over what they've learned?)

A = Assessment (formative and/or summative)

P = Post Test (same as pretest for comparison purposes)

S = Standards (Wyoming, NGSS, etc...) showcasing crosscutting concepts²

Pretest Questions	Pre Test using Google Forms. Note: Teachers will need to make their own test inorder to grade them.
Objectives	Prepare a Raspberry PI for use in the classroom.
Catch	Watch Raspberry Pi introduction Video on You Tube. (2 min)
Activity	Unboxing, assembling hardware, and installing all nessary software for the Raspberry Pi. OS Installation Instructions - By Dr. Suresh S. Muknahallipatna.
Review	Intro to Raspberry Review on Google Docs.
Assessments	Students will successsfully install the operating system on a Raspberry Pi.
Post Test Questions (same as pretest questions)	Post test using Google Forms. Note: Teachers will need to make their own test inorder to grade them.

¹ Please add/attach any handouts for this activity to the end of this template

² <http://ngss.nsta.org/CrosscuttingConceptsFull.aspx>

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<p>Standards</p>	<p>Meeting CTE standards 1,4,5. 1)Career Development and Readiness: Students demonstrate career planning and employability skills. 4)Technical Literacy Students: Effectively read, evaluate, write, and communicate technical information. 5)Technical Proficiency and Productivity: Students safely, ethically, and productively use existing and new technologies and systems.</p>
<p>Crosscutting Concepts from NGSS</p>	<p>Systems and models/ MS-PS3-2: Models can be used to represent systems and their interactions – such as inputs, processes, and outputs – and energy and matter flows within systems.</p>