



PRESENTATION TEMPLATE

Reuse STEAM

Outcomes

In this learning module, students learn about environmental education and waste reduction while fusing creative problem solving through creative reuse. Students learn aesthetic valuing while recognizing that it is not enough to only recycle, things must be reused, re-imagined, and redesigned.

Grade(s)

Teachers K-5

Audience(s)

K-2 Teachers (paper presentation)
3-5 (plastic presentation)

Time	Content	Presentation Methods	Participant Activities	Reflection, Assessment, & Evaluation	Support Materials	Arts Standards	Common Core & ELD Standards	Outcomes/ Claims
How many minutes will this part of training module take?	What content will the training presentation address? List the main focus areas/topics.	How will the content be presented?	What specific activities will participants engage in to learn the content?	How will the presenter engage participants in debriefing or reflecting on their experience/learning?	What materials will the presenter and participant need? This includes but is not limited to handouts, supplies, equipment, and multimedia resources.	Identify the targeted Arts Standards addressed by this part of the training. Link to California Art Standards: https://www.cde.ca.gov/be/st/ss/vapacontentstds.asp	Identify the key Common Core (language arts and/or mathematics), Next Generation Science, and ELD standards addressed by this part of the module.	Which outcomes does this portion of the training address?
6 hrs., 30 min		PPT						

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							ELD Standards: https://www.cde.ca.gov/sp/el/er/documents/eldstndspublication14.pdf Common Core Standards: https://www.cde.ca.gov/re/cc/	
3 hrs.	Paper investigations	PowerPoint slides 1-14 and Activities	1: Paper Search 2: Categorize 3: Investigate See Content Outline #1	Observe the graphic organizer to determine knowledge gained.	Computer with projector, gathered recycled paper, handouts	Kindergarten K.MA:Cr2 K.VA:Cr1.1 K.VA:Cr3 K.VA:Cn10	Kindergarten K.CC.3, 5, 6 K.MD.1-3 K-ESS3-3 K-2-ETS1-1&1-3	Students will have an increasing understanding of paper.
1 hrs.	Paper at the factory	PowerPoint slides 15-42 and Activities	Videos and Handouts: Graphic Organizer, Papermaking process images. See Content Outline #2	Observation	Computer with projector and internet video display, gathered recycled paper handouts	1st Grade 1.MA:Cr2 1.VA:Cr1.2 1.VA:Cr2.1 1.VA:Cn11	1st Grade 1.MD.4 1.OA.1-2 K-2-ETS1-1&3 2nd Grade 2.MD.9 2.MD.10 2.OA.1 2-PS1-1-3 K-2-ETS1-1-3	Students will have an increased understanding of recycling.
2 hrs., 30 mins.	Expand the "Loop"	PowerPoint slides 43-73 and Activities; Ultimate Paper, Art Skills	Handouts: iMovie or Video Editor, Paper Needs, a-1 Colors in Spanish, Elements and Principles of Art. See Content Outline #3	Paper and video	Computer with projector and internet video display, gathered recycled paper, handouts	2nd Grade 2.MA:Cr2 2.VA:Cr1.1 2.VA:Cr1.2 2.VA:Cr2.1 2.VA:Cr2.3 2.VA:Cn10 3rd Grade 3.MA:Cn10 3.VA:Cr1.2 3.VA:Cr2.1 3.VA:Pr5	3rd Grade 3.MD.4,5,6,7,8 3.G.1, 2 3-5-ETS1-1,1-2,1-3 4th Grade 4.MD.3,5,6,7	Students will create paper and video of process

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						3.VA:Re7.1 4th Grade 4.MA:Cn10 4.VA:Cr1.1 4.VA:Cr1.2 4.VA:Cr2.1 5th Grade 5.MA:Cn10 5.VA:Cr1.1 5.VA:Cr2.1 5-ESS3-1	4.G.1,2,3, 4-Ess3-1 5th Grade 5.MD.1,2,3,4,5 5-ESS3-1	
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