

Research, Reflect, Share: Documenting Design Thinking & Making

Sam Patterson, Ed.D

Maker/STEAM Coordinator • spatterson@echohorizon.org • @SamPatue

Elaine Wrenn, M.Ed.

Assistant Head of School: Director of Curriculum, Technology & Innovation
ewrenn@echohorizon.org • @ewrenn

Echo Horizon School • 3430 McManus Avenue • Culver City, CA 90232 •
310-838-2442 • www.echohorizon.org • @EchoHorizonSchool



DESIGN THINKING PROCESS



Join us in our Maker Space this summer for
Professional Development at Echo Horizon School

www.echohorizon.org/PD

Car Design Challenge

see videos at www.echohorizon.org/puppetvideos

Research
&
Empathize

Create a document in the Notes app on your iPad and make notes as you listen to the users

Useful apps: Pages, Keynote, Safari, Notes, Camera, Google Docs, Popplet

Identify
Needs

In your Notes document, create needs statements for your users in the format:

_____ needs _____ so as to _____

Useful apps: Numbers, Pages, Notes, Keynote, Google Sheets, Popplet

Generate
Ideas

In your Notes document, sketch some ideas for your car design.

Useful apps: Notes, Camera, Google Draw, Draw & Tell

Prototype
&
Test

Rapid Lo-Res Prototyping -
Design a car using pipe cleaners!

Useful apps: Camera, Notes, Swift, Draw & Tell, Scratch, Scratch Jr.

Reflect
&
Share

Use the Camera app and/or iMovie to introduce your car. Describe its features and how they meet the needs of your user.

Open the Seesaw app, scan QR code, & post

Post to Twitter with #CUE17 #EchoPuppet

Useful apps: Camera, iMovie, Keynote, Seesaw, Twitter, ChatterPix, Tellagami, Draw & Tell



Project Management:

Useful apps: iTunes U, Classroom, Google Classroom, Google Drive, Seesaw



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