Multimodal Technology

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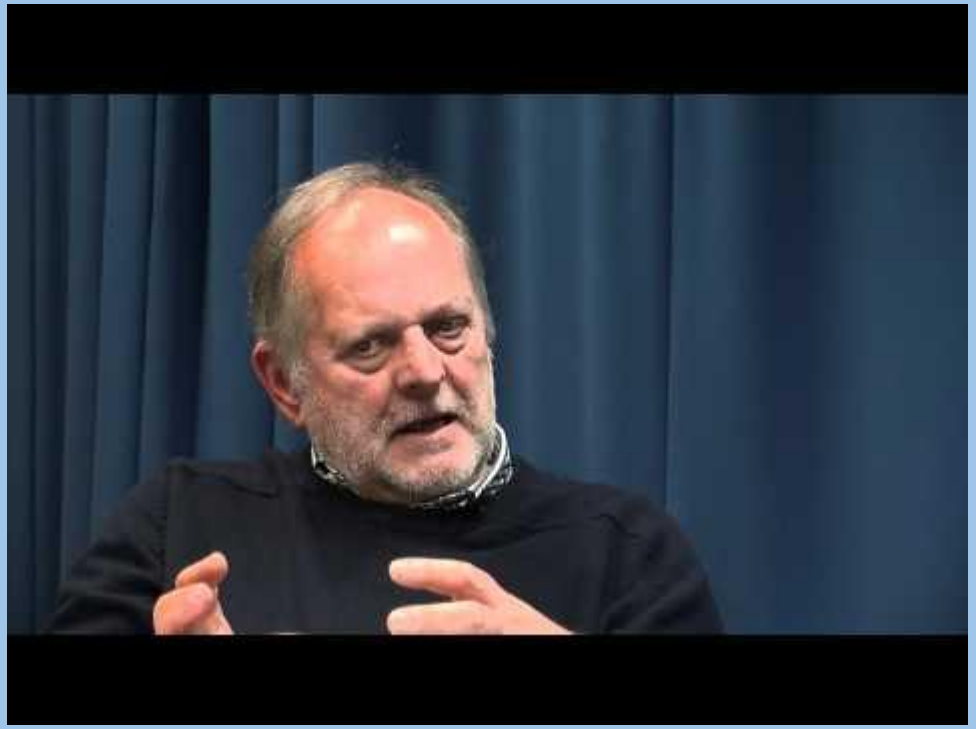
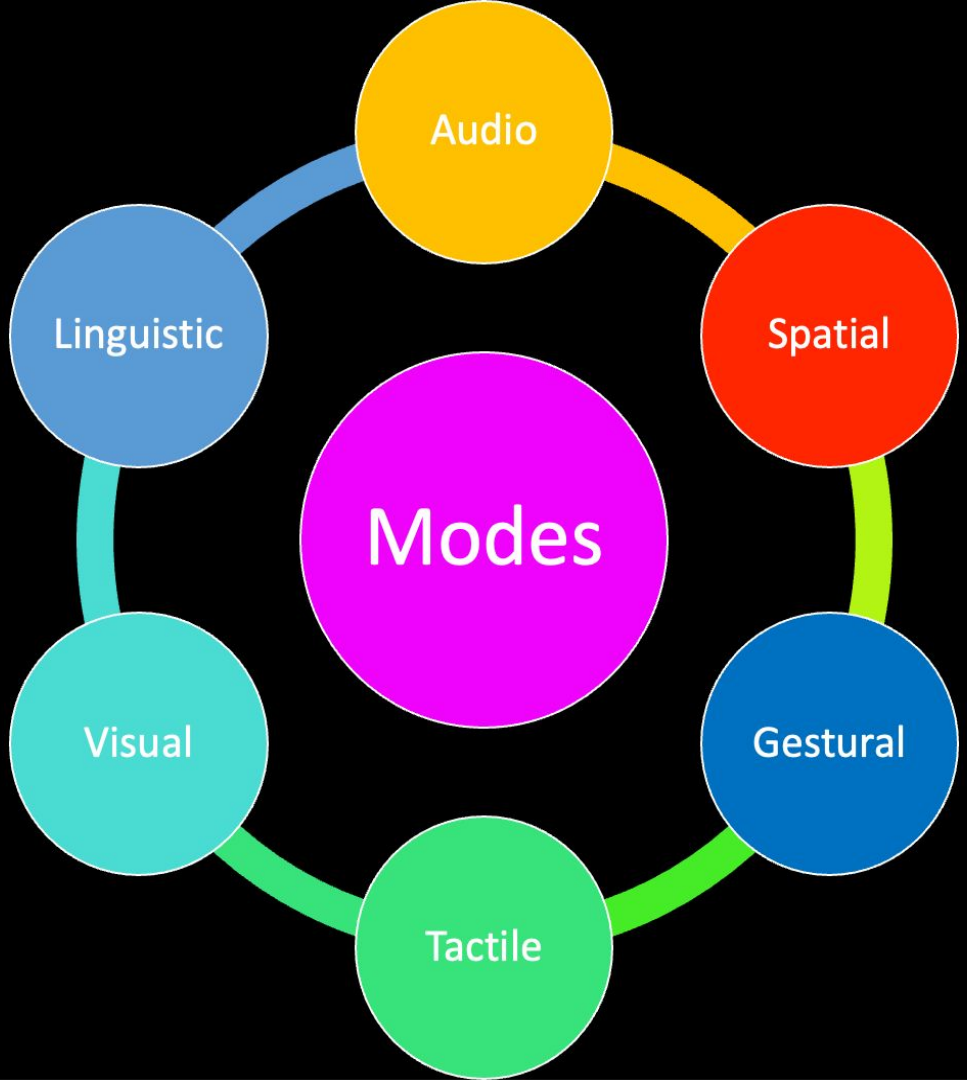
Rock Hill, SC 29732

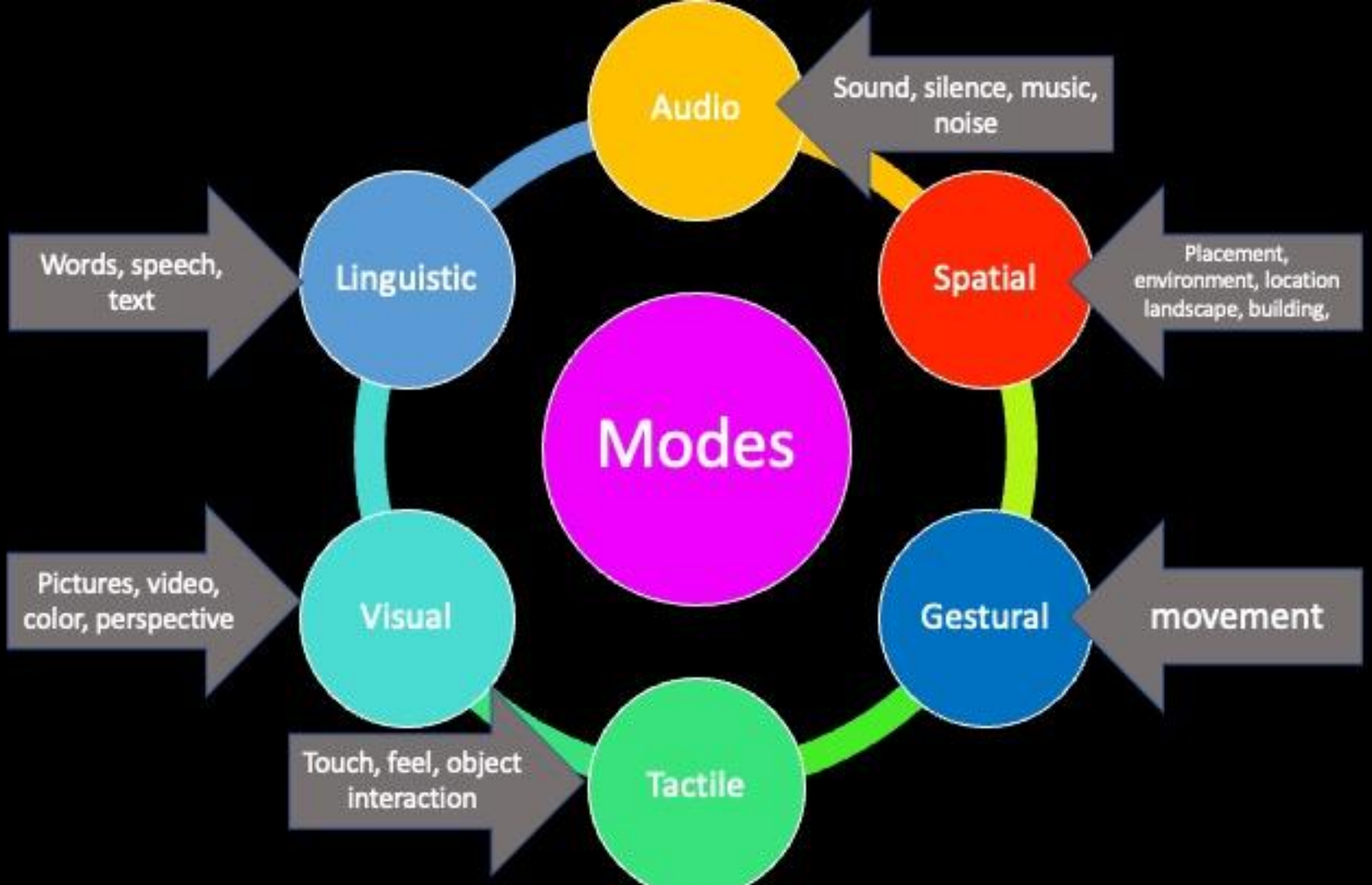
Definitions

Multimodality looks beyond language and examines multiple modes of communication and meaning making.

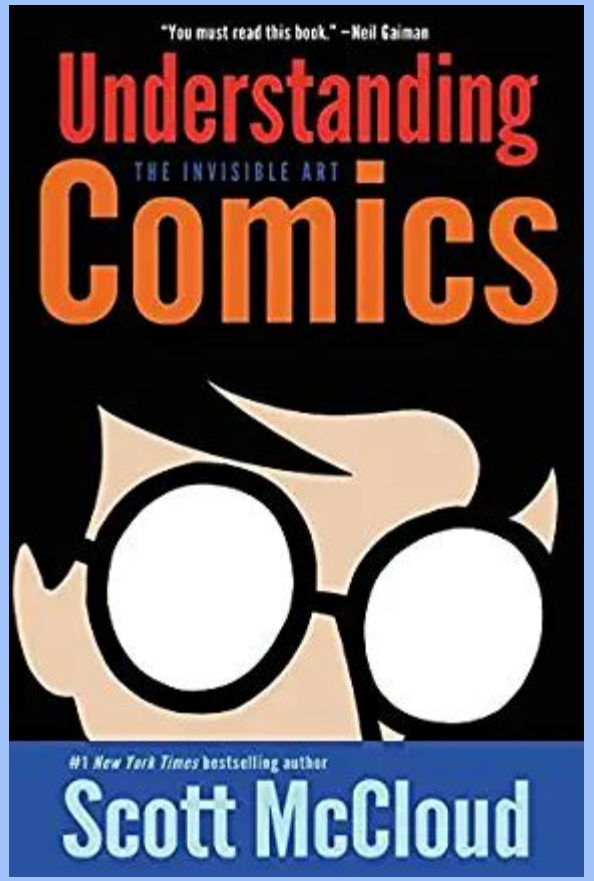
Multimodality
A social semiotic approach to contemporary communication
Gunther Kress



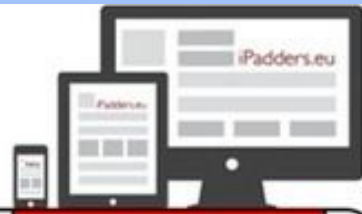

Audio
Spatial
Gestural
Tactile
Visual
Linguistic
Modes


Modes
Audio
Sound, silence, music, noise
Spatial
Placement, environment, location landscape, building,
Gestural
movement
Tactile
Touch, feel, object interaction
Visual
Pictures, video, color, perspective
Linguistic
Words, speech, text

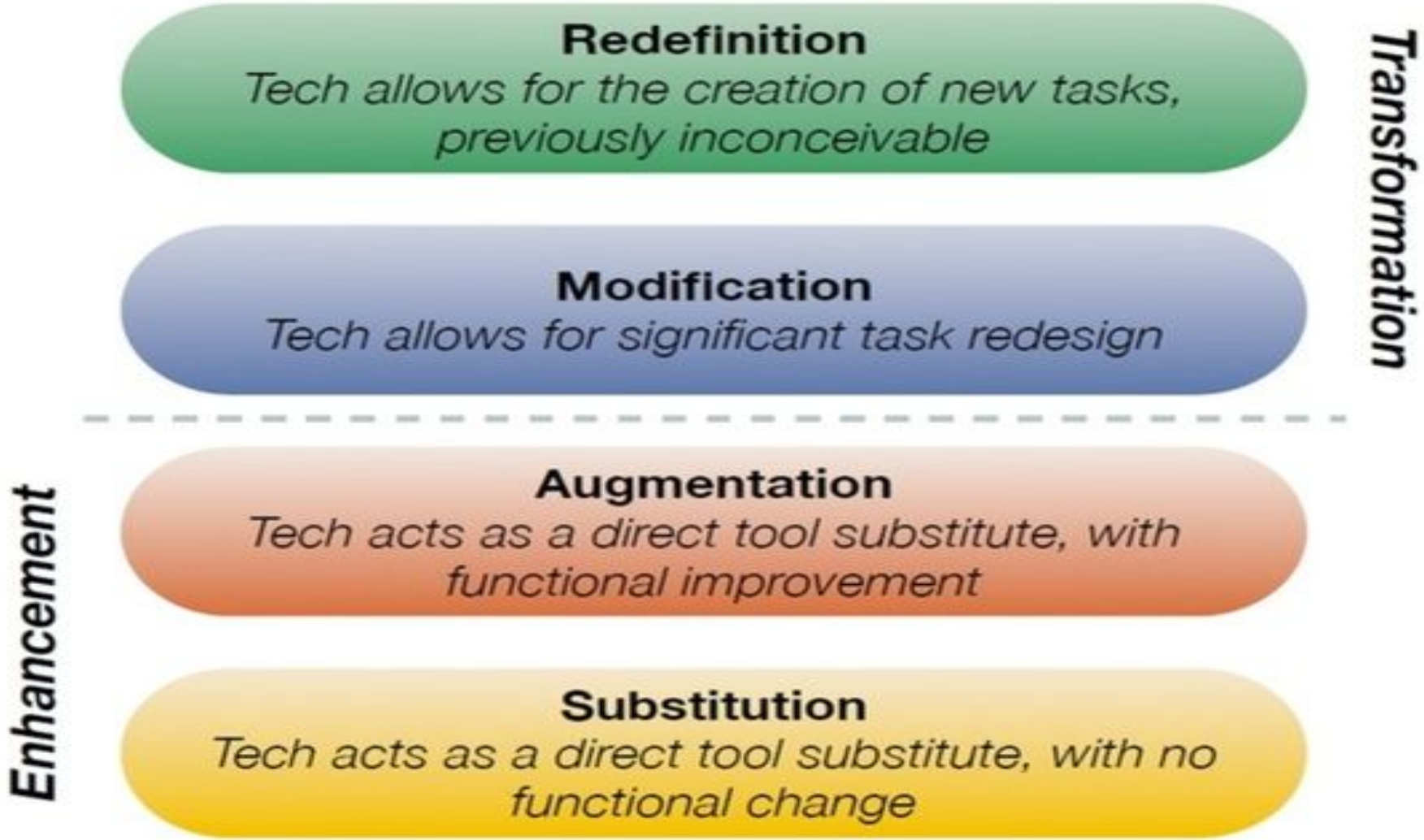
Alpha-numeric Emphasis

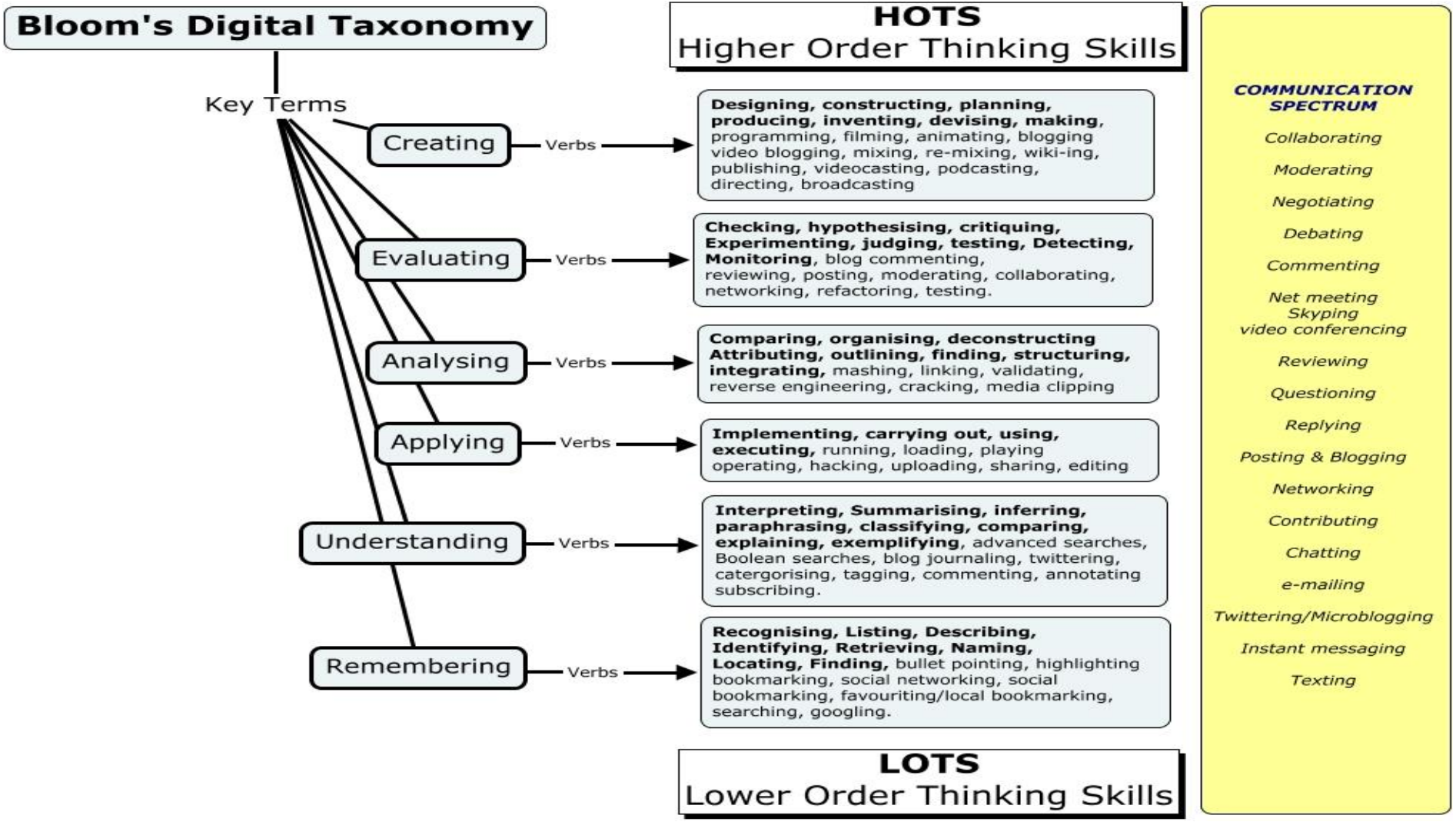

"You must read this book." —Neil Gaiman
Understanding
THE INVISIBLE ART
Comics
#1 New York Times bestselling author
Scott McCloud

SAMR Model



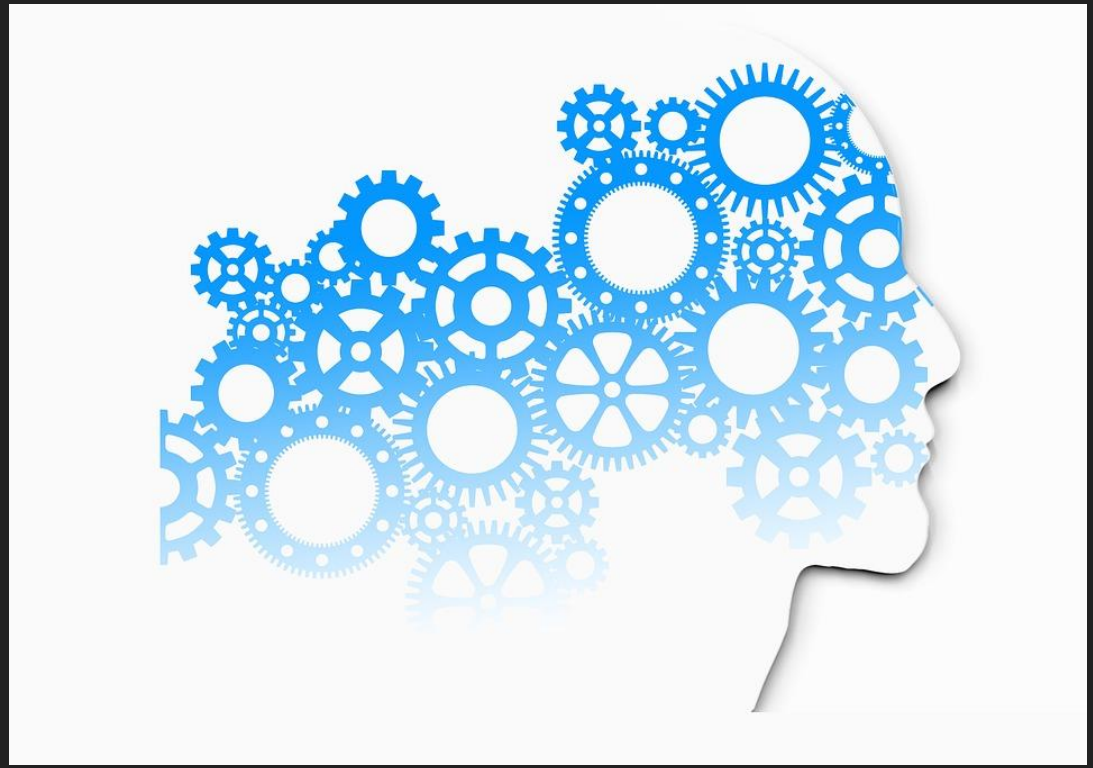
Class Task	Substitution	Augmentation	Modification	Redefinition
Note taking	Notes taken using ios Notes	Students choose their own notes app	All students use Notability for all notes	Teachers have access to all student's notes.
Research	Using safari to copy and paste information	Bookmark and share notes using the share button	Download and annotate with Notability	Collaborative Mindmaps
Presentation	Make a keynote presentation on the iPad	Demonstrate understanding with Explain Everything	Combine audio, video and text in iMovie Presentation	Nearpod Presentation
File sharing	Sent by email every lesson	Shared Dropbox folder	Showbie	iTunes U
Reading	Open PDf from email	Use dictionary & search document	Annotating documents in Notability & iBooks	Interactive iBook
Assessment	Google form test	Google form test with automatic marking script	Creative projects with Strip Designer, Showme & iMovie	Creative Assignments with audio feedback in showbie

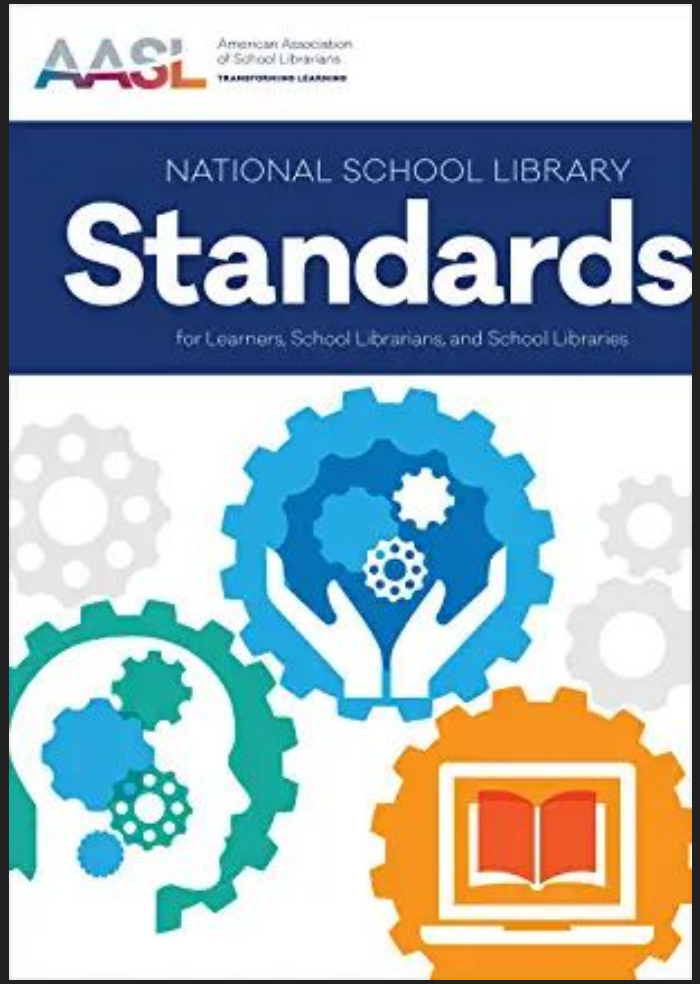

Redefinition
Tech allows for the creation of new tasks, previously inconceivable
Modification
Tech allows for significant task redesign
Augmentation
Tech acts as a direct tool substitute, with functional improvement
Substitution
Tech acts as a direct tool substitute, with no functional change
Transformation
Enhancement


Bloom's Digital Taxonomy
HOTS
Higher Order Thinking Skills
Key Terms
Creating
Verbs
Designing, constructing, planning, producing, inventing, devising, making, programming, filming, animating, blogging video blogging, mixing, re-mixing, wiki-ing, publishing, videocasting, podcasting, directing, broadcasting
Evaluating
Verbs
Checking, hypothesising, critiquing, Experimenting, judging, testing, Detecting, Monitoring, blog commenting, reviewing, posting, moderating, collaborating, networking, refactoring, testing.
Analysing
Verbs
Comparing, organising, deconstructing Attributing, outlining, finding, structuring, integrating, mashing, linking, validating, reverse engineering, cracking, media clipping
Applying
Verbs
Implementing, carrying out, using, executing, running, loading, playing operating, hacking, uploading, sharing, editing
Understanding
Verbs
Interpreting, Summarising, inferring, paraphrasing, classifying, comparing, explaining, exemplifying, advanced searches, Boolean searches, blog journaling, twittering, catergorising, tagging, commenting, annotating subscribing.
Remembering
Verbs
Recognising, Listing, Describing, Identifying, Retrieving, Naming, Locating, Finding, bullet pointing, highlighting bookmarking, social networking, social bookmarking, favouriting/local bookmarking, searching, googling.
LOTS
Lower Order Thinking Skills
COMMUNICATION SPECTRUM
Collaborating
Moderating
Negotiating
Debating
Commenting
Net meeting
Skyping
video conferencing
Reviewing
Questioning
Replying
Posting & Blogging
Networking
Contributing
Chatting
e-mailing
Twittering/Microblogging
Instant messaging
Texting

Technology

useful
relevant
productive
engaging





I. Inquire

Build knowledge by inquiring, thinking critically, identifying problems, and developing strategies for solving problems.

IV. Curate

Make meaning for oneself and others by collecting, organizing, and sharing resources of personal relevance.

- Will use of this tool support stated learning objectives?
- How user-friendly is the tool?
- Will use of this tool support various quality online educational criteria?

Criteria 1: Access

- device agnostic
- different operating systems
- different browsers

Criteria 3: Privacy & Intellectual Property

- EULA

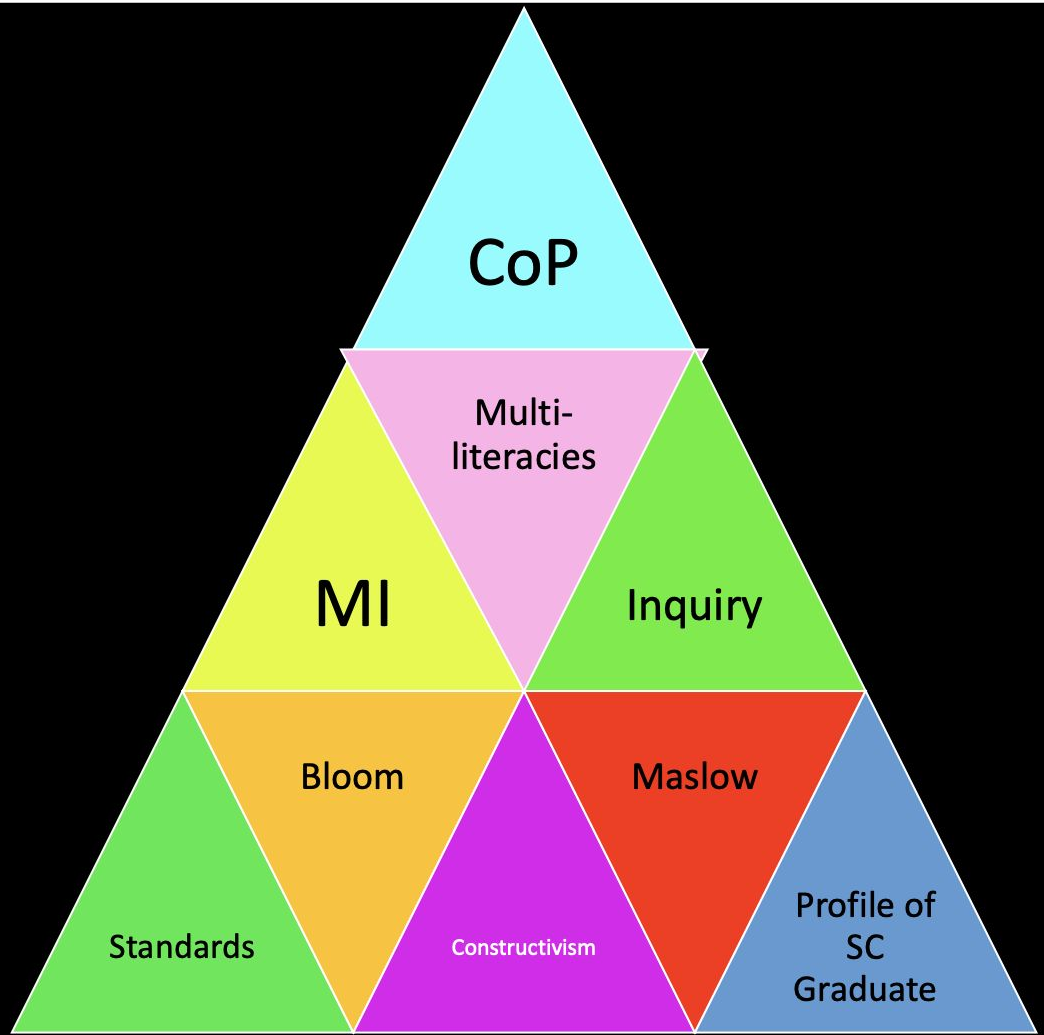
Criteria 2: Usability

- intuitive
- closed captioning
- keyboard navigation
- voice navigation

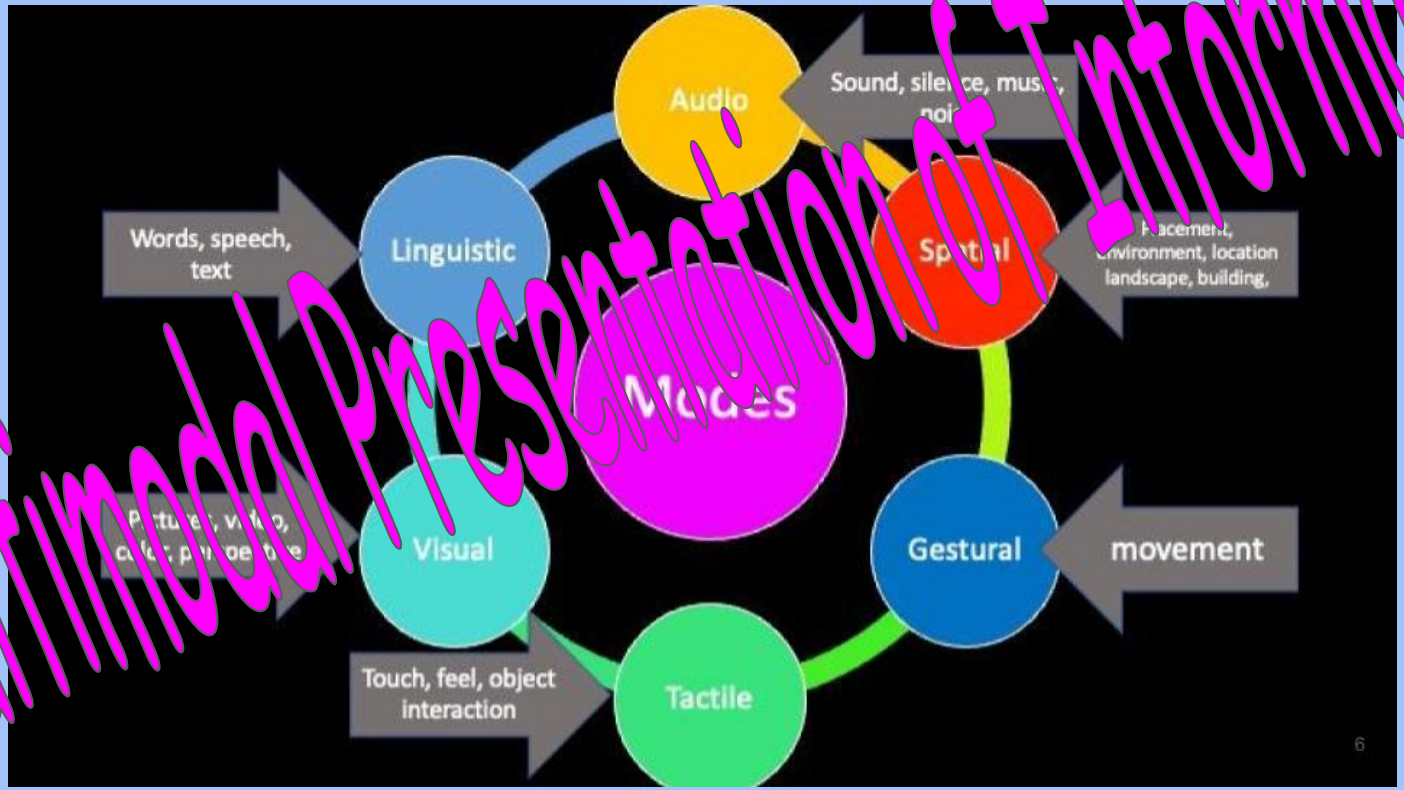
Criteria 4: Workload & Time Management

- teaching and learning from each other
- learning by doing
- diverse ways of learning

Fun and Engaging


CoP
Multi-
literacies
MI
Inquiry
Bloom
Maslow
Standards
Constructivism
Profile of
SC
Graduate

Consumption

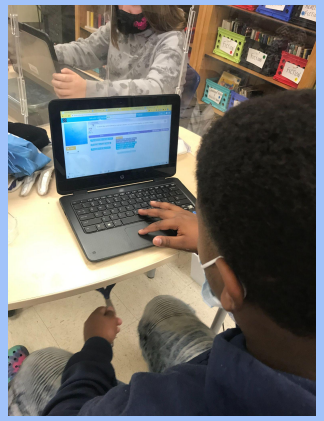


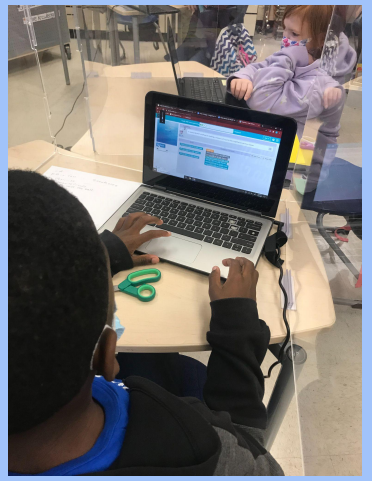
Multimodal Presentation of Information

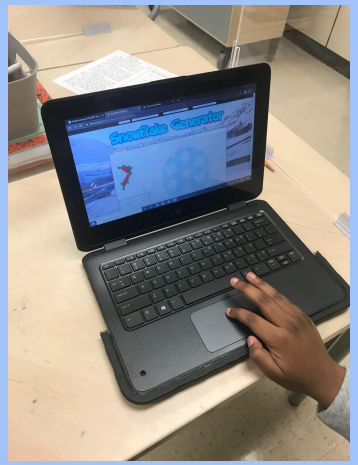
Seesaw

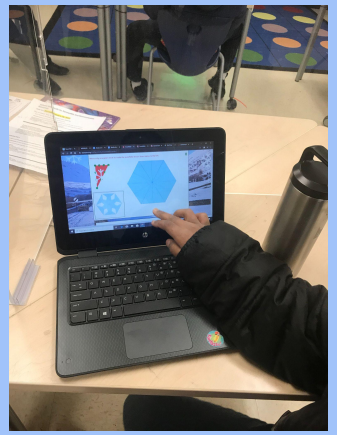
CANVAS
BY INSTRUCTURE

Consumption



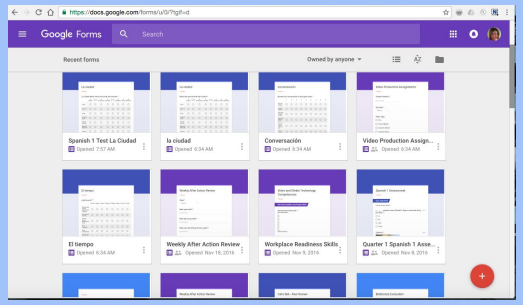


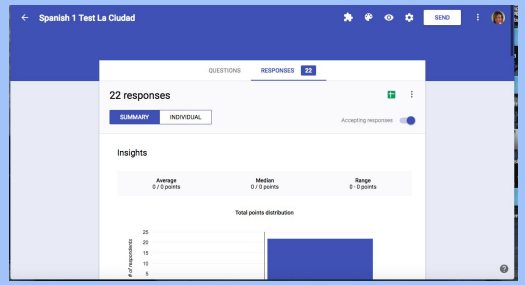


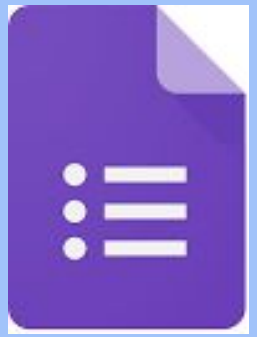


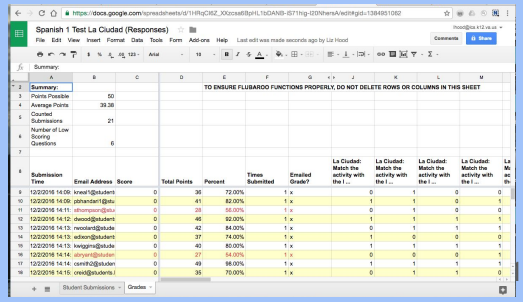
Consumption

Spanish 2
5/9/2019









Consumption

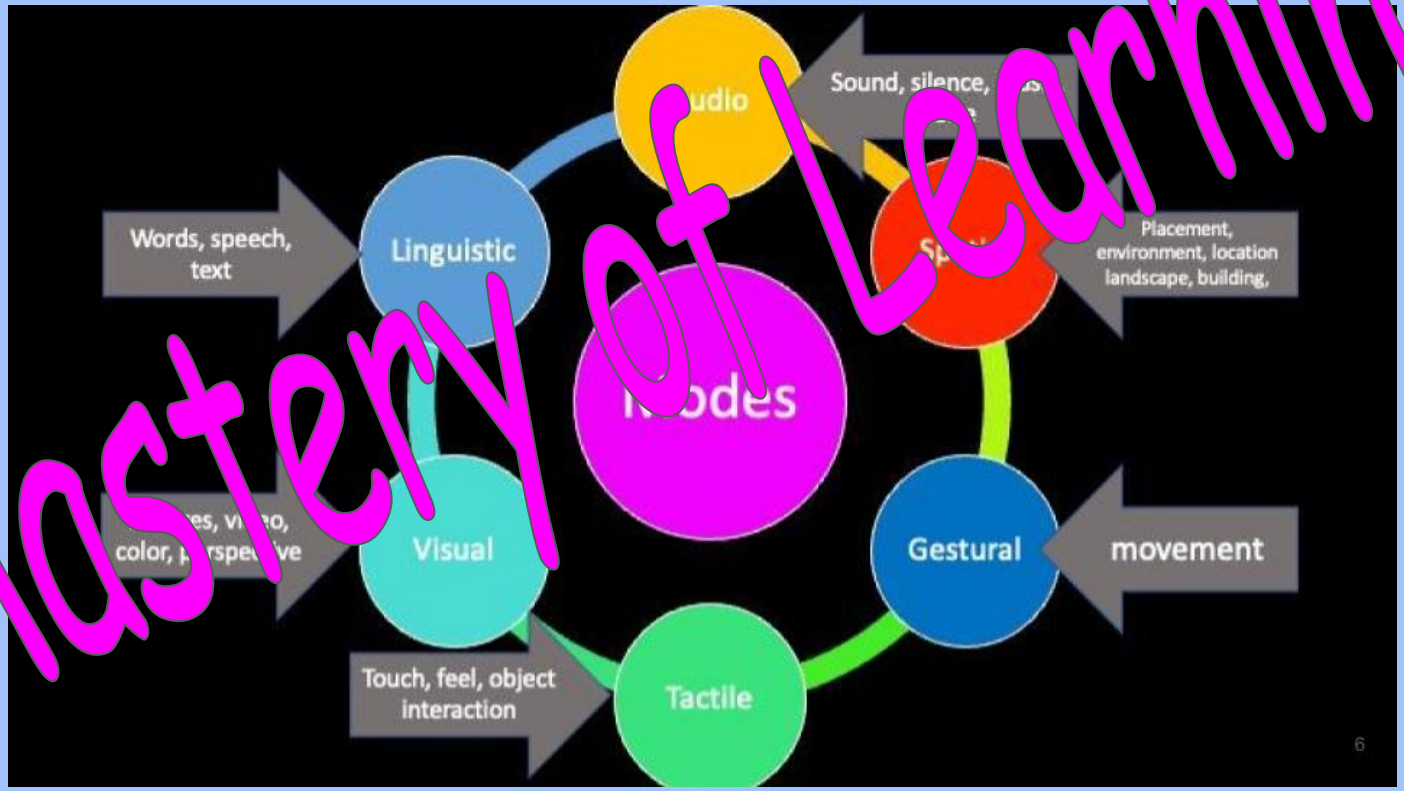
Seesaw

Spanish 2
5/9/2019

Consumption

CANVAS
BY INSTRUCTURE

Production



Mastery of Learning

voki

laconic
abridged
brief
compact
summary
concise
wordle
pithy
terse
synopsis
succinct
synthesis
text

Production

MakeBeliefsComix

padlet

vt

Seesaw

Text

Production

Word Clouds/Word Art

text

concepts

Production

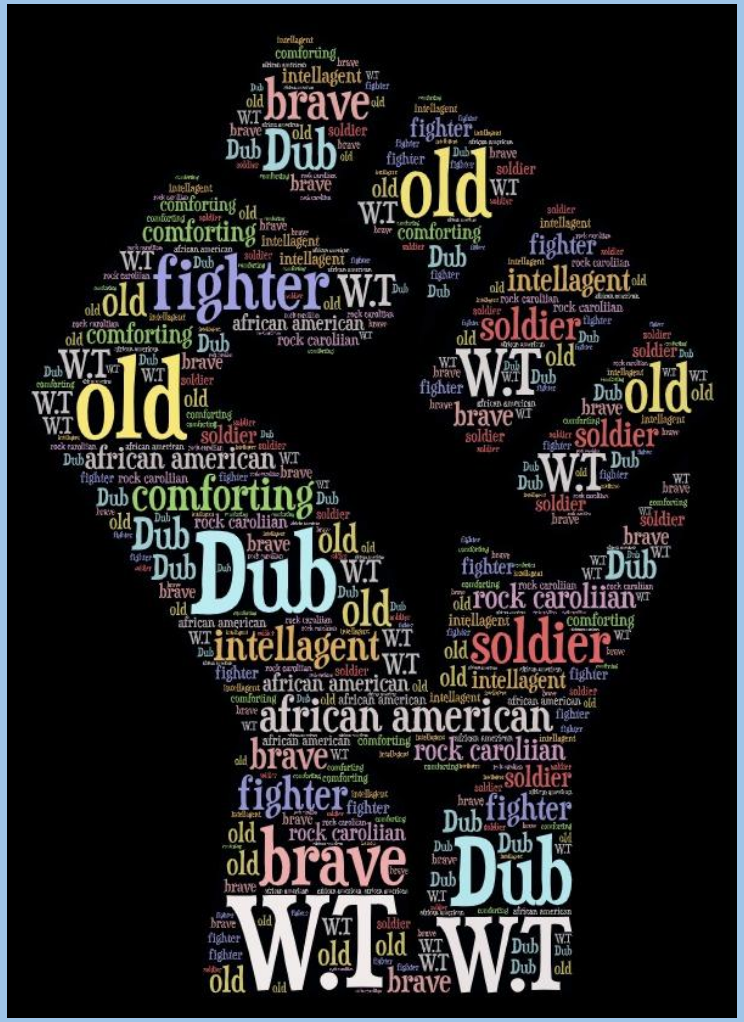
nice
Williamson jr
brave
kind
joyful
David
hero
respectful
careful

Production

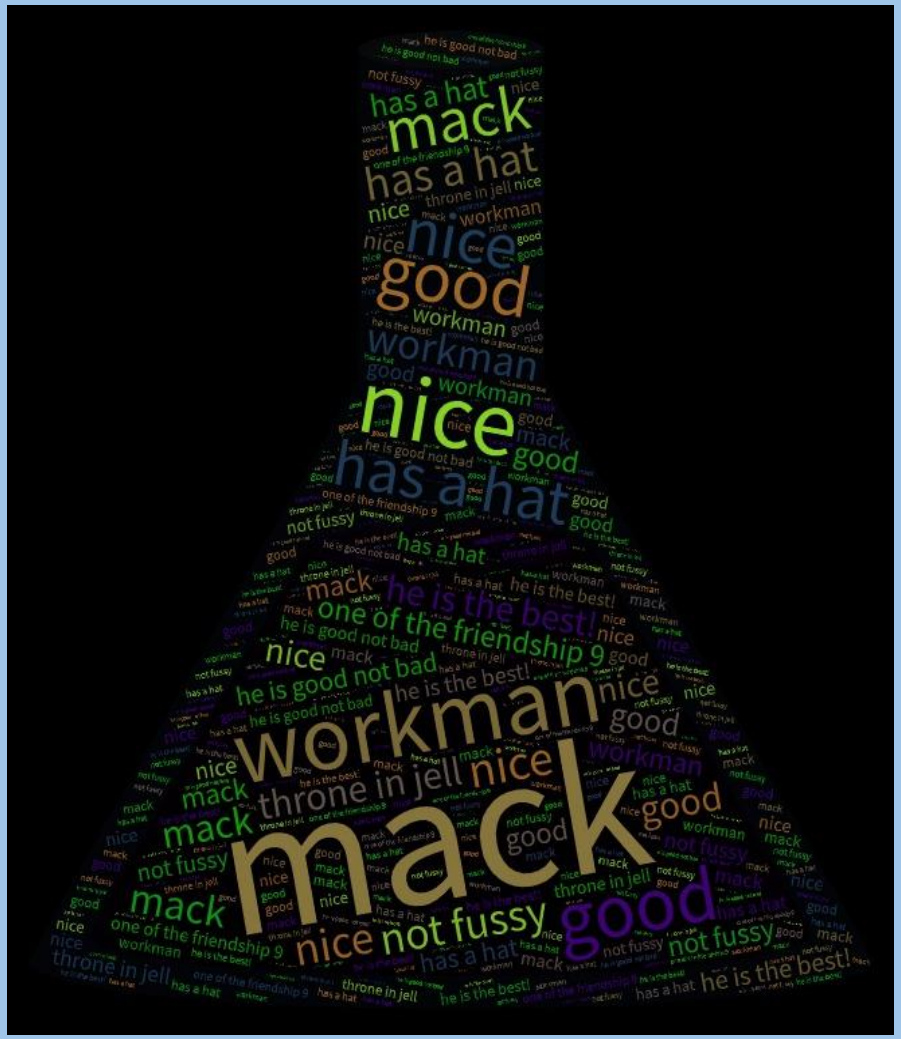
Intelligence
mindful
Hero
Looeful
Fearful
Frendly
Friend Ship 9
James Wells
Helpful
Respectful

Production

Production


W.T
old
Dub
brave
fighter
african american
comforting
intellagent
rock carolilian
soldier

Production


mack
workman
nice
good
has a hat
throne in jell
not fussy
he is the best!
one of the friendship 9
he is good not bad

TRABAJAR
CAMINAR
TOMAR
MIRAR
ESTUDIAR
TERMINAR
ESCUCHAR
DELGADA
BAILAR
LEER
PREPARAR
CAMINAR
BAGO
PRACTICAR
DESCANSAR
DELGADA
BAGO
CANTAR
BAILAR
LEER

cenar
hablar
alto
fuerte
impaciente
bailar
largo
dibujar
conversar
hablar
bueno

Largo
Athletico
Inteligente
Fuerte
Bueno
Tradajadora
Malo
Abburido
Moreno
Bajo
Comico
Perezoso

helodo
azul
vestir
chica
pollo
purpura
estudiante
sandalias
ruidoso
ciencia

Production

MakeBeliefsComix

comic strip

text

conversations/dialogues

Production

TO SAVE A COPY, PRINT THIS COMIX STRIP WITH THE PRINT BUTTON AT BOTTOM;
OR, CLICK ON LINK BELOW TO CREATE YOUR OWN MAKE BELIEFS COMIX!
IF THE LINK DOES NOT WORK, TYPE THE WEB ADDRESS INTO YOUR BROWSER.

WWW.MAKEBELIEFSCOMIX.COM

A new friend — John McClain

This comic strip was created at MakeBeliefsComix.com. Go there to make one yourself!

PRINT

SAVE IMAGE TO DISK

CREATE YOUR OWN COMIX

Production

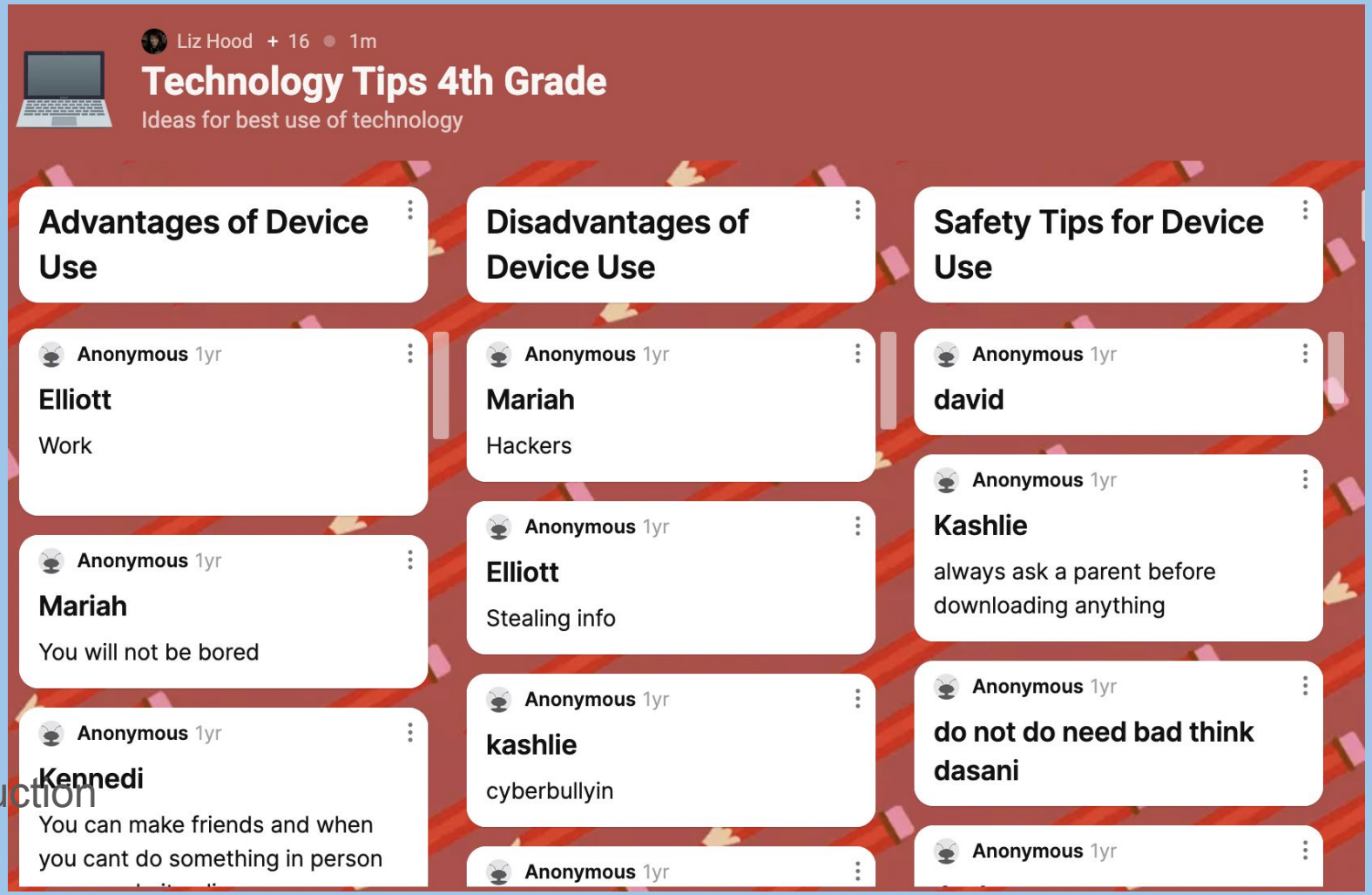
Padlet

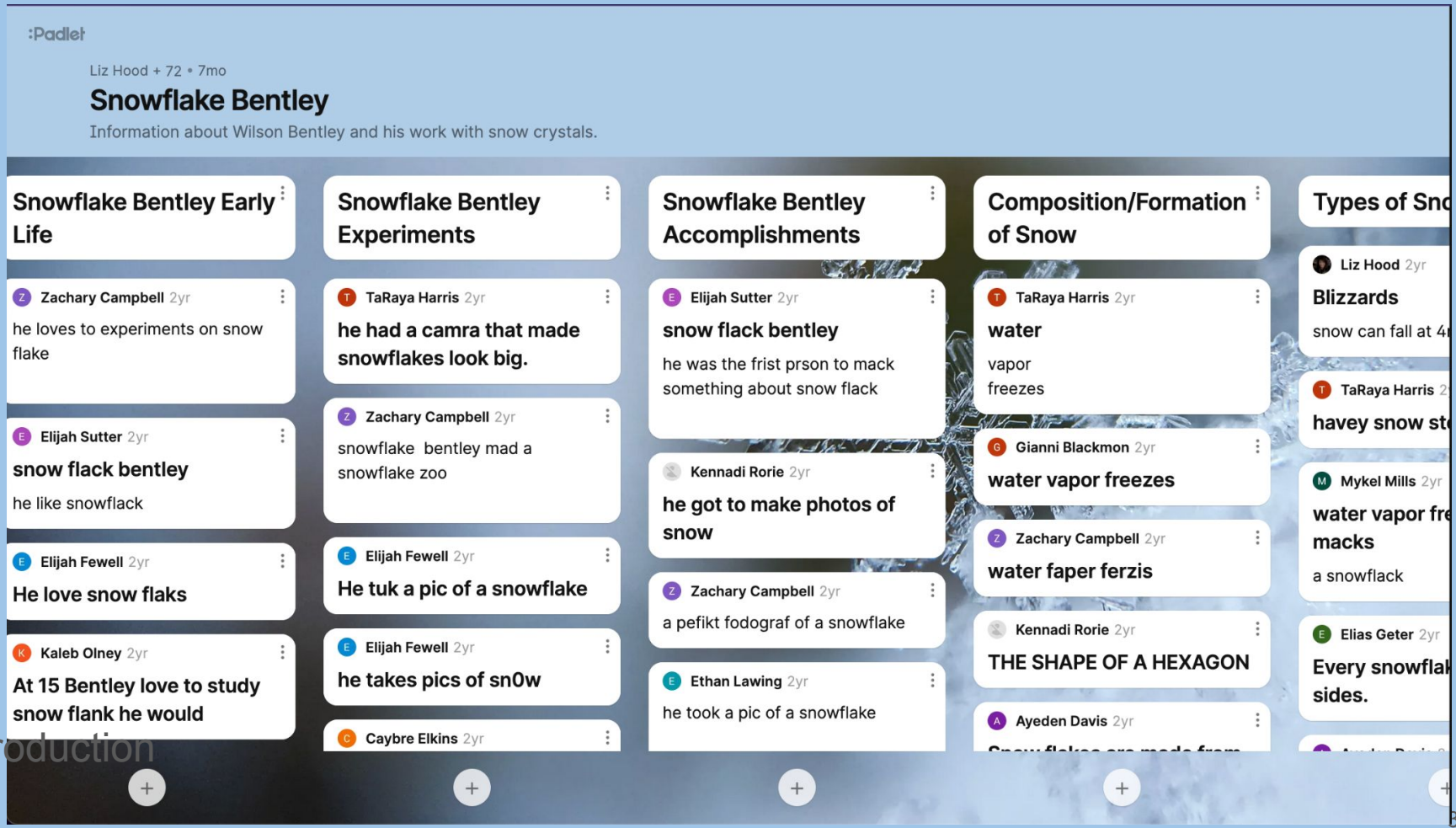
text

concepts

collaborative

Production


Liz Hood + 16 1m
Technology Tips 4th Grade
Ideas for best use of technology
Advantages of Device Use
Anonymous 1yr
Elliott
Work
Anonymous 1yr
Mariah
You will not be bored
Anonymous 1yr
Kennedi
You can make friends and when you cant do something in person
Disadvantages of Device Use
Anonymous 1yr
Mariah
Hackers
Anonymous 1yr
Elliott
Stealing info
Anonymous 1yr
kashlie
cyberbullyin
Anonymous 1yr
Safety Tips for Device Use
Anonymous 1yr
david
Anonymous 1yr
Kashlie
always ask a parent before downloading anything
Anonymous 1yr
do not do need bad think dasani
Anonymous 1yr


:Padlet
Liz Hood + 72 • 7mo
Snowflake Bentley
Information about Wilson Bentley and his work with snow crystals.
Snowflake Bentley Early Life
Zachary Campbell 2yr
he loves to experiments on snow flake
Elijah Sutter 2yr
snow flack bentley
he like snowflack
Elijah Fewell 2yr
He love snow flaks
Kaleb Olney 2yr
At 15 Bentley love to study snow flank he would
Snowflake Bentley Experiments
TaRaya Harris 2yr
he had a camra that made snowflakes look big.
Zachary Campbell 2yr
snowflake bentley mad a snowflake zoo
Elijah Fewell 2yr
He tuk a pic of a snowflake
Elijah Fewell 2yr
he takes pics of sn0w
Caybre Elkins 2yr
Snowflake Bentley Accomplishments
Elijah Sutter 2yr
snow flack bentley
he was the frist prson to mack something about snow flack
Kennadi Rorie 2yr
he got to make photos of snow
Zachary Campbell 2yr
a pefikt fodograf of a snowflake
Ethan Lawing 2yr
he took a pic of a snowflake
Composition/Formation of Snow
TaRaya Harris 2yr
water
vapor
freezes
Gianni Blackmon 2yr
water vapor freezes
Zachary Campbell 2yr
water faper ferzis
Kennadi Rorie 2yr
THE SHAPE OF A HEXAGON
Ayeden Davis 2yr
Types of Sno
Liz Hood 2yr
Blizzards
snow can fall at 4
TaRaya Harris 2
havey snow st
Mykel Mills 2yr
water vapor fre
macks
a snowflack
Elias Geter 2yr
Every snowflak
sides.

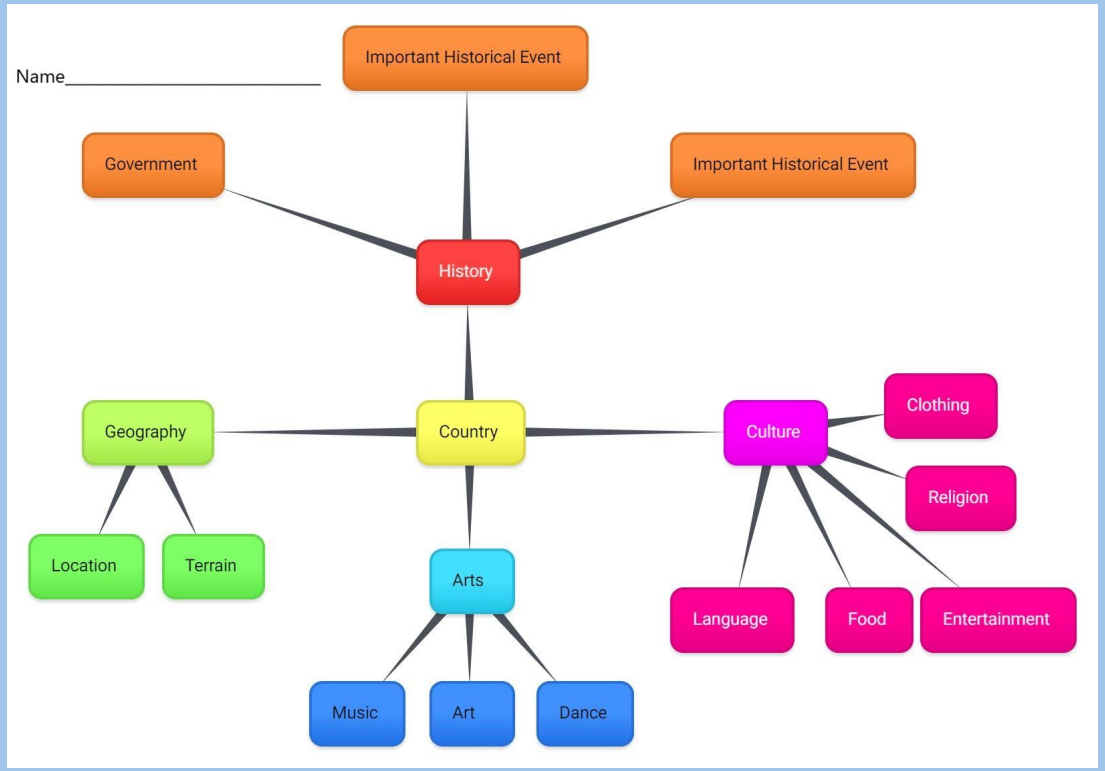
Production

Graphic Organizers

text

concepts

connections



Production

Audio

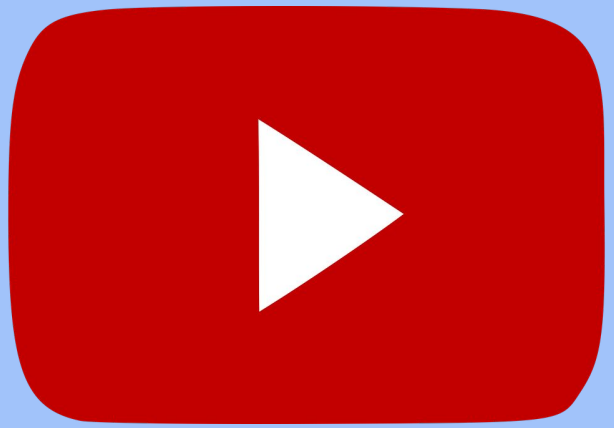
Production

VoiceThread

Image

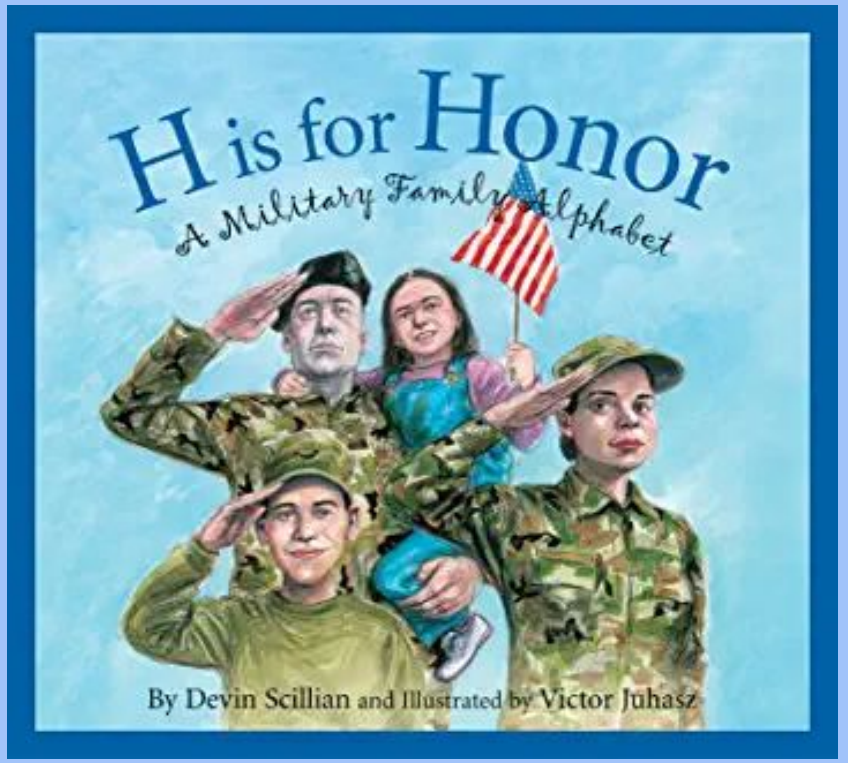
Verbal Production

Video



Production

Video



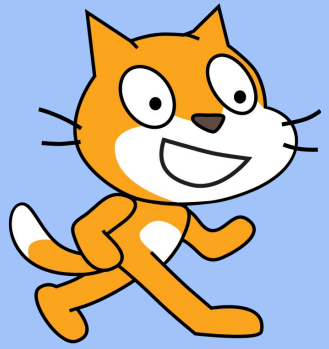
Production

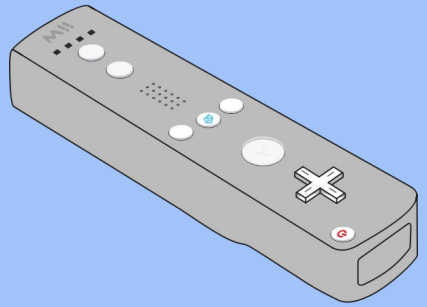
Seesaw

Seesaw

Seesaw

Multimodal





Production

Voki

Personalized Avatar

Verbal Production

Production

https://www.voki.com/classroom/review?status=&classid=0&asgid=0&stuid=0&search=

Getting Started | Netflix | cybrarianliz space [... | QQ Class 8 | Wolfram|Alpha Wid... | Village Inn Deal of t... | Oakdale Elementary | Professional Develo... | finances | Employment | recipes

voki

CREATE PRESENT CLASSROOM HANGOUT PRODUCTS PRICING

Students Classes **Review**

Teach | Tutorial | FAQ | Support | Welcome Liz Hood

Your Voki account has expired (Renew your account)

All Classes ▼ All Assignments ▼ All Students ▼ View Archived search X

ALL ASSIGNMENTS | GET STARTED | IN PROGRESS | READY FOR REVIEW | TRY AGAIN | APPROVED

Adisyn Simpson
Friendship Nine
In Progress

Adrishi Buchanan
Friendship Nine
Ready for Review
Submitted:Apr-06-2022 - 10:29 AM

Alaysia Dickerson
Friendship Nine
Get Started

Alexa Mays
Friendship Nine
Ready for Review
Submitted:Apr-04-2022 - 10:28 AM

Aliyah Williams
Friendship Nine
Ready for Review
Submitted:Mar-24-2022 - 10:30 AM

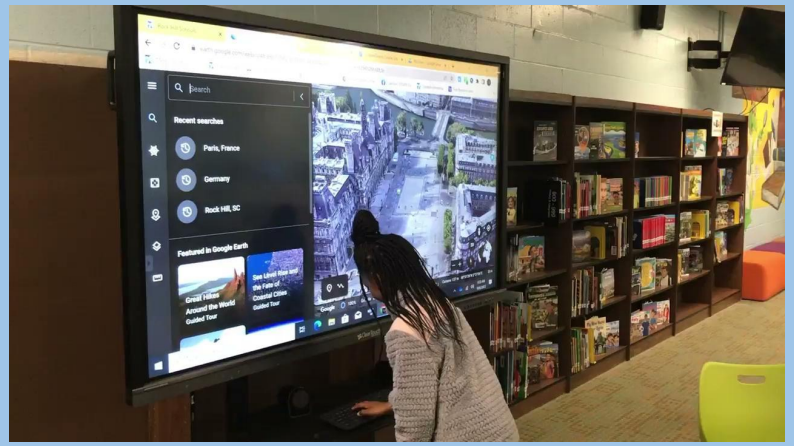
Allisen Kerber
Friendship Nine
In Progress

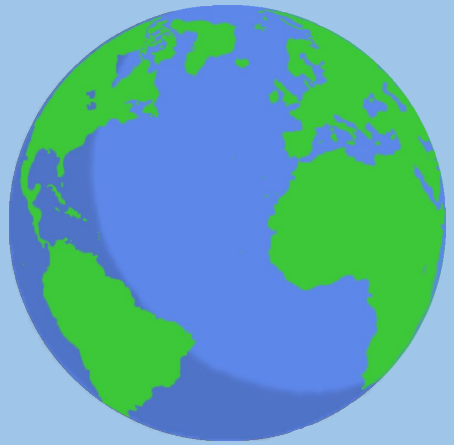
Google Earth

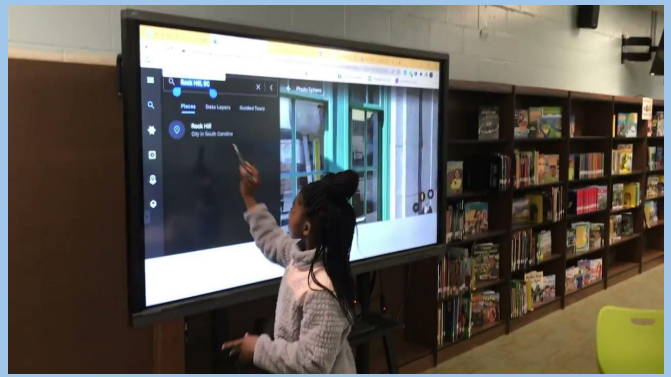
Interactive

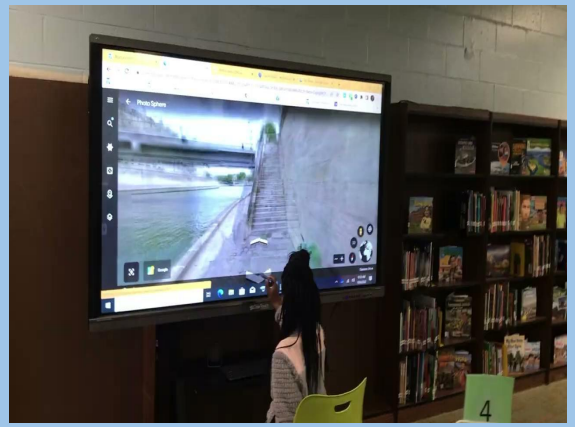
Visual

Tactile







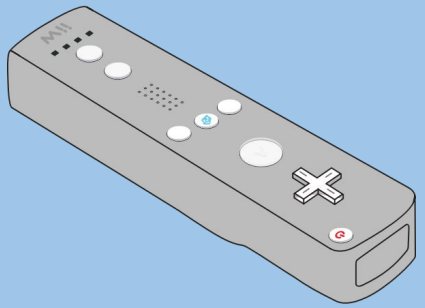


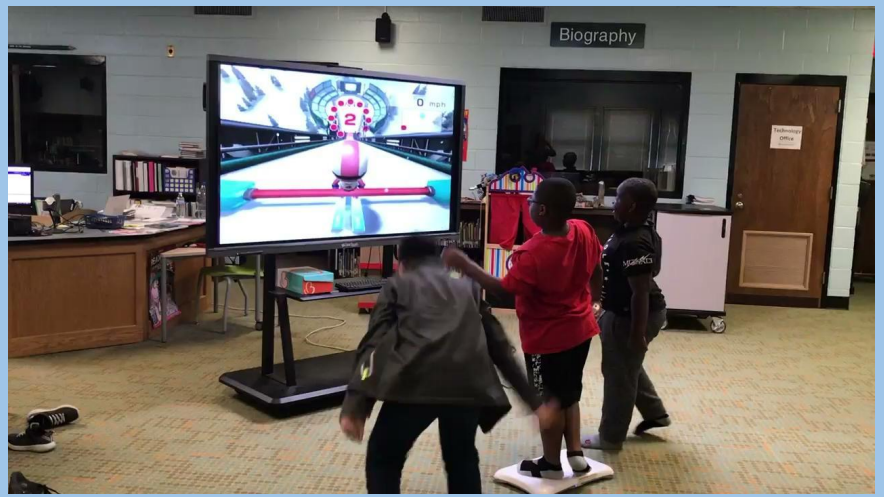
Production

Wii

Visual

Interactive





Production

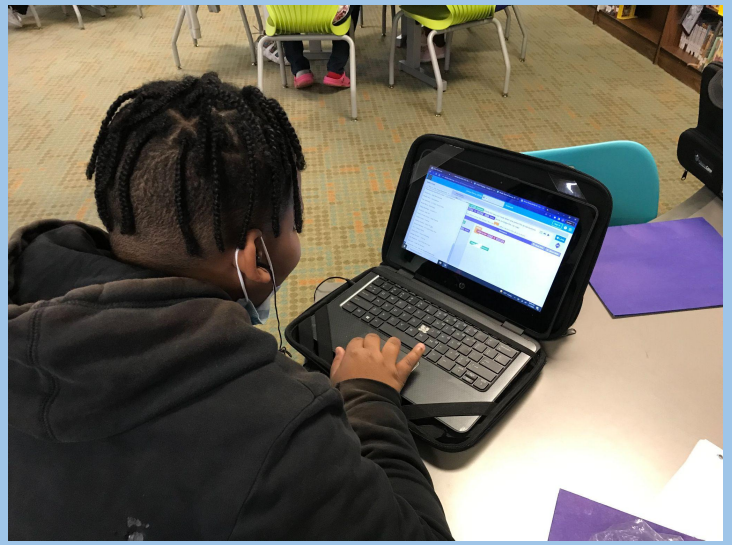
Coding

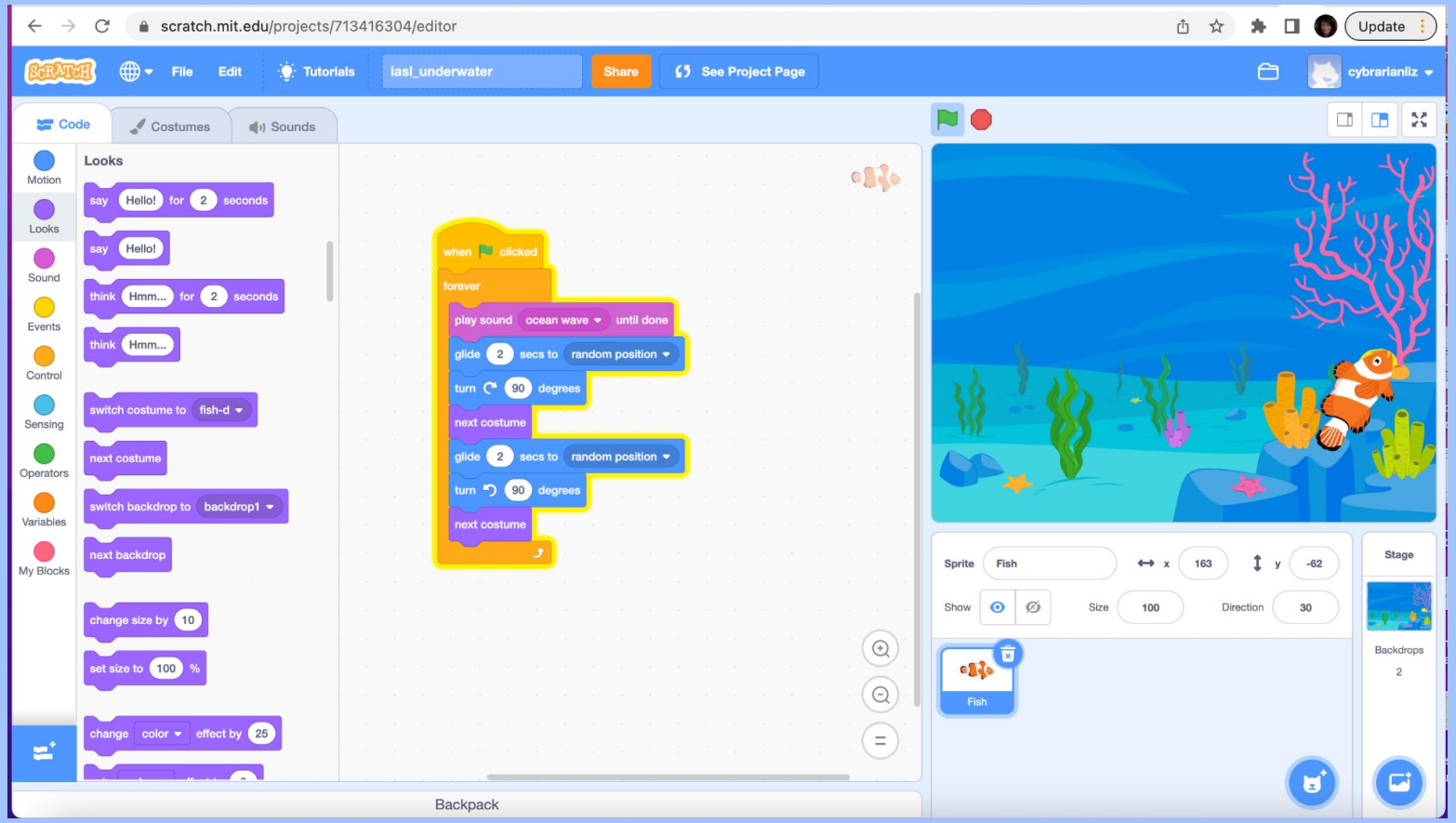
Text

Visual

Tactile

Production



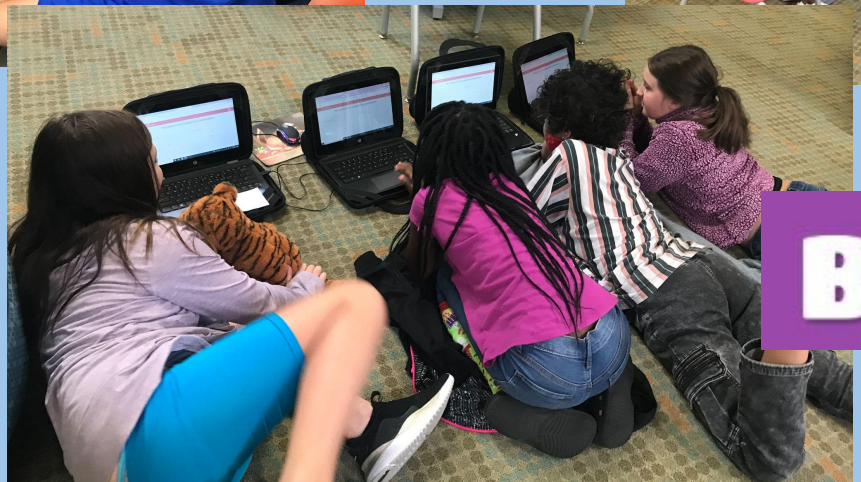

scratch.mit.edu/projects/713416304/editor
Update
File
Edit
Tutorials
iasl_underwater
Share
See Project Page
cybrarianliz
Code
Costumes
Sounds
Motion
Looks
Sound
Events
Control
Sensing
Operators
Variables
My Blocks
Looks
say Hello! for 2 seconds
say Hello!
think Hmm... for 2 seconds
think Hmm...
switch costume to fish-d
next costume
switch backdrop to backdrop1
next backdrop
change size by 10
set size to 100 %
change color effect by 25
when clicked
forever
play sound ocean wave until done
glide 2 secs to random position
turn 90 degrees
next costume
glide 2 secs to random position
turn 90 degrees
next costume
Sprite
Fish
x
163
y
-62
Show
Size
100
Direction
30
Stage
Backdrops
2
Fish
Backpack

Gamification

Visual

Interactive

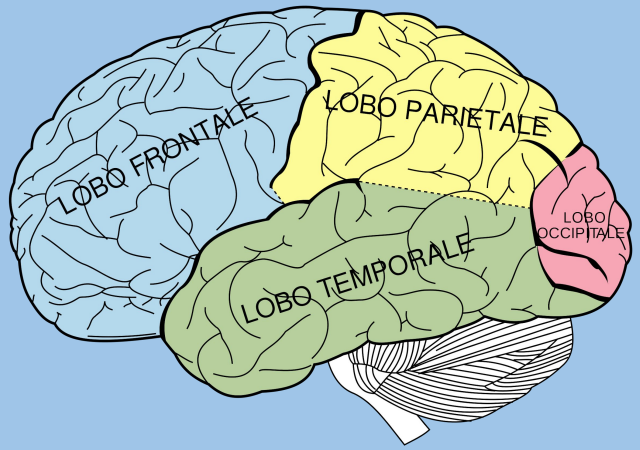
Audio

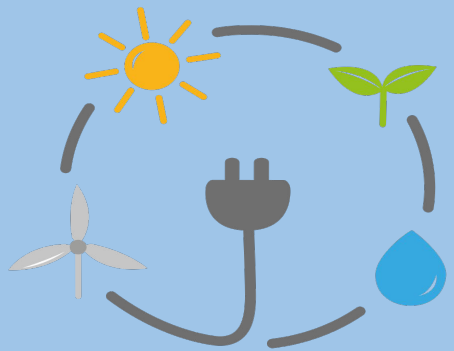


Production

		CHOICE		
Text	**Audio**	**Visual**	**Multimedia**	**Technology**
Blog entry	Podcast	Infographic	Voicethread	SCRATCH
Wiki entry	Interview	Poster	Animoto	SketchUp
Essay	Song	Photographic composition	Video	Bitmoji
Letter	Oral narrative	Voki	Website	
MakeBelief Comix	Blabberize			

Constraints





Multimodal Technology

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