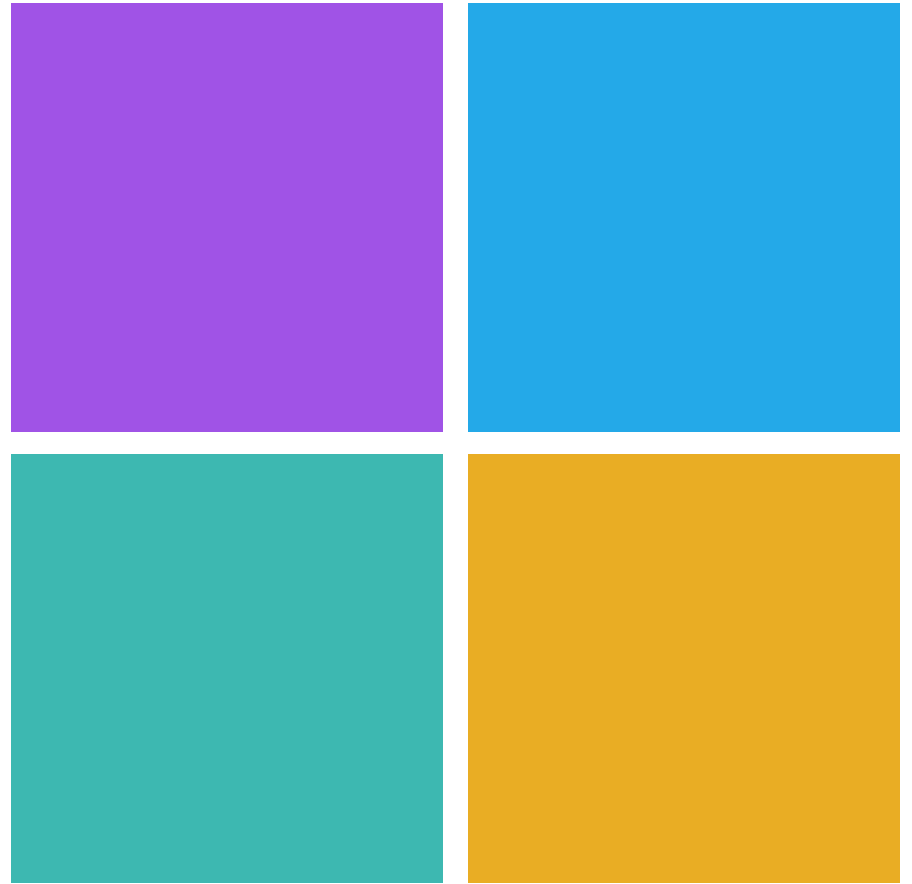




If you
Differentiate,
They Will
Learn



Gail Lovely

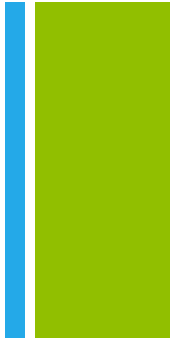
Gail@GailLovely.com



- Differentiation is the key to helping your students reach their greatest potential. Gail shares simple strategies for providing a differentiated approach to teaching and learning. You'll discover cubing, think tac toe, and many other strategies, plus simple steps to implement them.



Objectives



- Use technologies to prepare materials or resources for use in the differentiated classroom
- Develop a new toolbox of technological tools and strategies for use in instruction





What is differentiation anyway?



One size
does not
fit all...

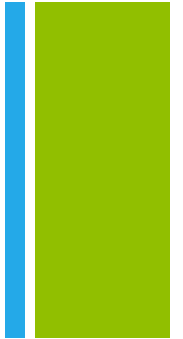


Differentiate According to



Student
Readiness

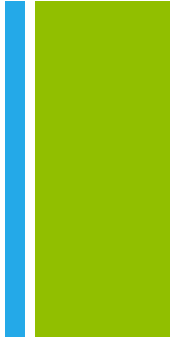
Students' skill
levels and
background
knowledge





Differentiate for Student Readiness

Tiered Instruction



Start with pre-tests and Exit “Cards”

- “Testing tools” –
 - iPads – Socrative
 - Google Forms
 - Drag and drop on an IWB
 - [Exit Cards](#)
- THEN adjust...resources, process, product, grouping, teacher role

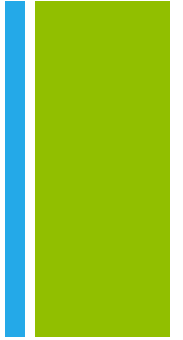
Example from a teacher’s blog -

<http://fun-n-first.blogspot.com/2012/02/differentiating-math.html>



Differentiate for Student Readiness

Anchor Activities



These are interesting, ongoing projects and learning opportunities which students can work on without teacher input. They are CURRICULUM-rich and NOT busywork.

Ideas:

Do further research and determine a way to share with others

<http://www.kidsclick.org/>

Find pictures which illustrate the topic of study

<http://pics4learning.com>

Audio-record the reading for others to use as audiobook

<http://audioboo.fm>



Differentiate for Student Readiness

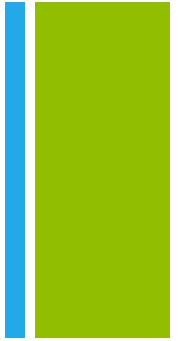
Adaptive Software or Tools

- Have word processor "read" the words to those who need it
- Use software to take "dictation" – Dragon Dictation
- Use apps to take notes linked to audio – AudioNote





Differentiate According to



Student
Readiness



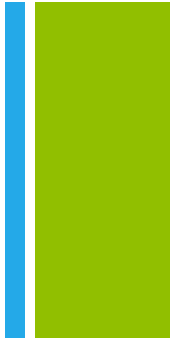
Student
Interests

Students'
interests drive
desire to learn



Differentiate for Student Interests

Determining Interests



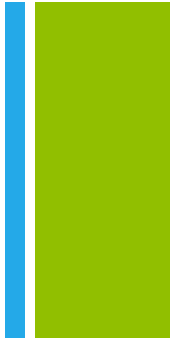
WATCH, LISTEN, ASK!

- An interest inventory (or make your own)
 - <http://www.gifted.uconn.edu/3summers/pdf/ifiran.pdf>

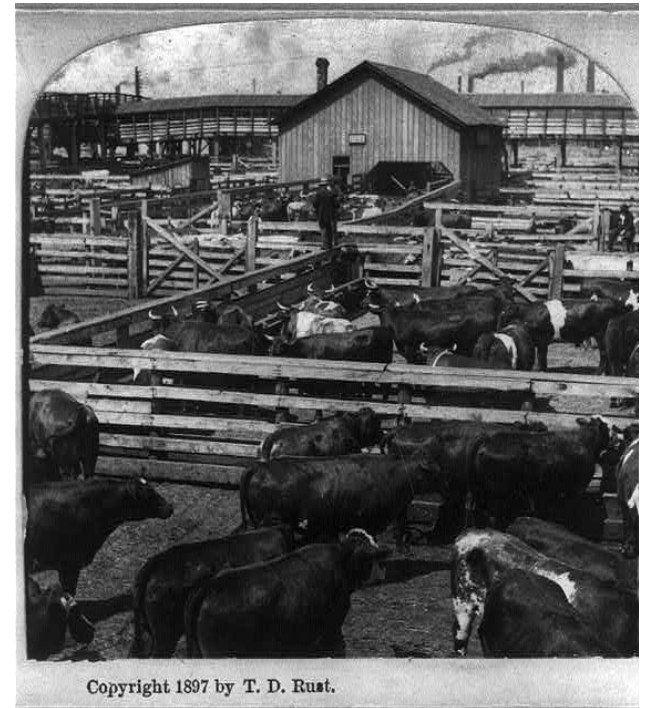




If studying Texas History...



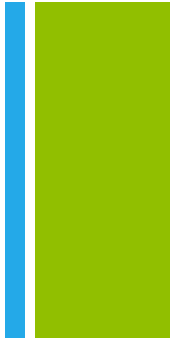
- grandparents life stories
- buildings in the neighborhood and their history
- the places parents or others work
- place names
- sports history
- what people wore, ate or did for fun
- children in the history of Wisconsin
- dinosaurs, did they roam here?
- boats through the ages
- pets and animals
- laws and how they change
- schools now and then



<http://www.loc.gov/pictures/item/2006679946/>



Child-friendly sources can help



Kid-Friendly Search tool

- <http://www.kidsclick.org/>

■ Video Sources

- <http://www.watchknow.org/>
- Discovery Education (not free) videos and images and more
- <http://teachertube.com> (some for students here)
- [BrainPop Jr.](#) (not free)



Differentiate According to



Student
Readiness



Student
Interests



Student
Learning
Style

+ Student Learning Style



- A survey of student learning
 - <http://www.berghuis.co.nz/abiator/lsi/lsitest1.html> perhaps done with adult volunteer help?

+ Teachers can differentiate



Content

Process

Product

Environment

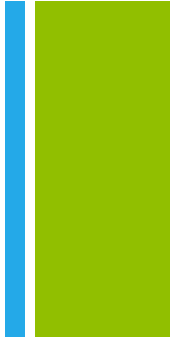
+ Teachers CAN differentiate



Content

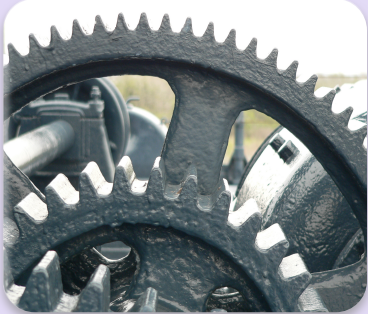


Content



- Start with your required curriculum.
- Adjust to meet student needs
 - Need to learn
 - Need to work
 - Need to “struggle” a bit
 - Need to feel achievement
- NOT just more... Vary complexity and depth, and perhaps novelty and interest

+ Teachers can differentiate



Content

Process

Product

Environment

+ How to Differentiate Bloom's Taxonomy

Bloom's Taxonomy for Today!

<http://ilearntechnology.com/?p=4817>

Or --

Digital Blooms:

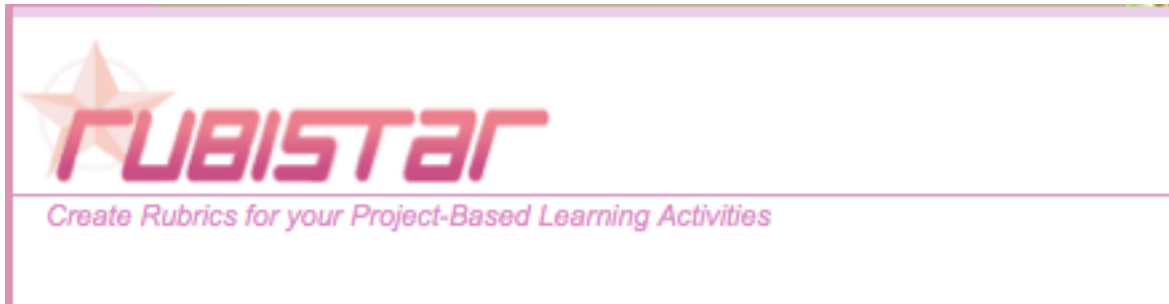
<http://edorigami.wikispaces.com/Bloom%27s+Digital+Taxonomy>

By Kathy Schrock: <http://www.schrockguide.net/bloomin-apps.html>

By Apps: http://issuu.com/ktenkely/docs/lg_alpha/1



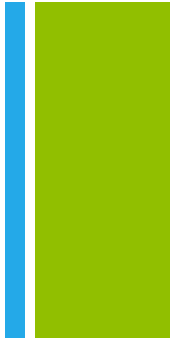
+ How to Differentiate Use Rubrics



- <http://rubistar.4teachers.org/>
- Give students input and then provide rubric PRIOR to starting the “project”



How to Differentiate Graphic Organizers (scaffolding)



- What if THEY choose?
- <http://www.eduplace.com/graphicorganizer/>
- <http://www.studenthandouts.com/graphicorganizers.htm>
- <http://freeology.com/graphicorgs/>
- <http://my.hrw.com/nsmedia/intgos/html/igo.htm>
- http://www.vrml.k12.la.us/graphorgan/older/graphic_organizers.htm
- Kidspiration

+ How to Differentiate Timing Differences



- Who starts? Who Finishes?
- Timers

Online Timer -

<http://www.online-stopwatch.com/classroom-timers/>

Timer Apps

Timr (.99)

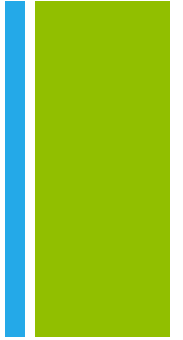
<https://itunes.apple.com/us/app/timr-universal-timer-countdown/id304083392?mt=8>

Toddler Timer (.99)

<https://itunes.apple.com/us/app/toddler-timer/id373243639?mt=8>



How to Differentiate Offer Choices - Think-Tac-Toe



- Offers choices within boundaries...
- Choice of venue, format, tools.
- Uses Different Modalities, Venues, Products and even depth of understanding.... Bloom's Taxonomy at work!

Reading Think-Tac-Toe

Act out your favorite part on video.

Write a new ending to the story.

Write a letter to the author about your favorite part.

Make a diorama of your favorite part.

Change all the characters to animals and tell the story.

Read the story to your kindergarten buddy.

Make a test for your friends about what you read.

Change the setting and tell how the story changes.

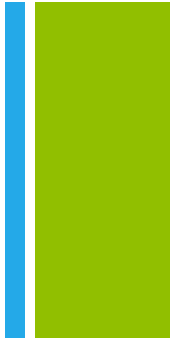
Translate the story into another language.

Think Tac Toe

Instructions here....



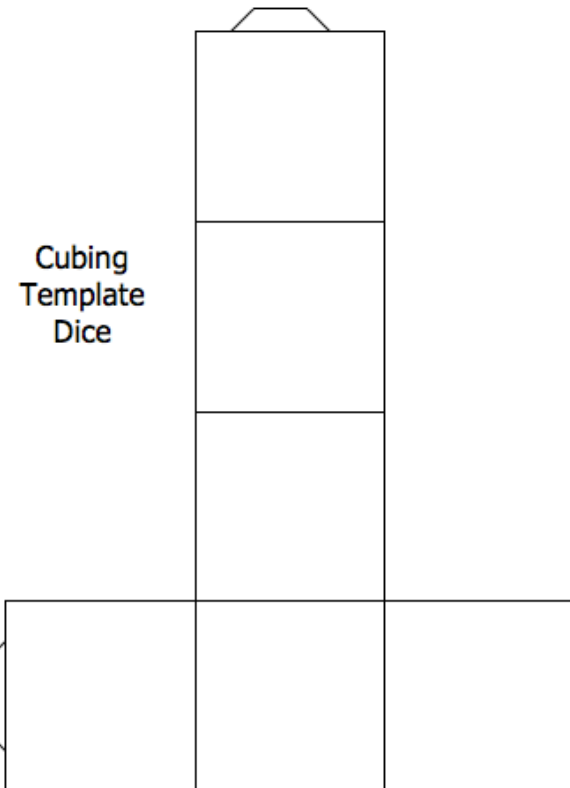
How to Differentiate Offer Choices - Cubing



Cubing is an instructional strategy that asks students to consider a concept from a variety of different perspectives. The cubes are six-sided figures that have a different activity on each side of the cube. These can be differentiated by content, but also in other ways. You can have different cubes for different students or groups of students.

- On the website – [Word Template](#)
- <http://www.toolsforeducators.com/dice/>

+ Cubes...

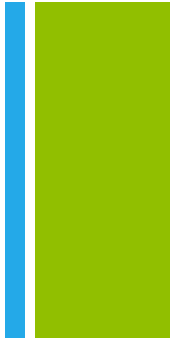


Gail Lovely Gail@GailLovely.com

Could be prompts for writing, discussion or tasks from Blooms' Taxonomy



To Prompt Ideas for you...



- <http://byrdseed.com/differentiator/>

The Differentiator

[Tweet It](#) • [Like Byrdseed](#) • [Pin It](#)

Students will distinguish the motivations of the three little pigs using a library book and create a poster in groups of two.

Thinking Skill

Content

Resources

Products

Groups

Group Size

One

Two

Three

Four

+ How to Differentiate Centers

- Technology is actually an easy center...

IF you consider and plan for...

- Partners
- Tasks
- Goals
- Expectations





How to Differentiate Provide Task Support - Checklists



- <http://pblchecklist.4teachers.org/>

PBL Checklists



If you have questions, check out the [FAQs](#).

The checklists below are in English. See checklists [en Español](#).

writing

K-1 2-4 5-8 9-12

science

K-4 5-8 9-12

oral presentation

2-4 5-8 9-12

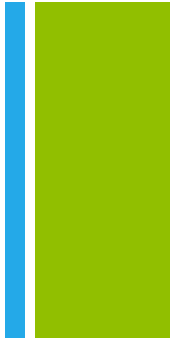
multimedia

2-4 5-8 9-12

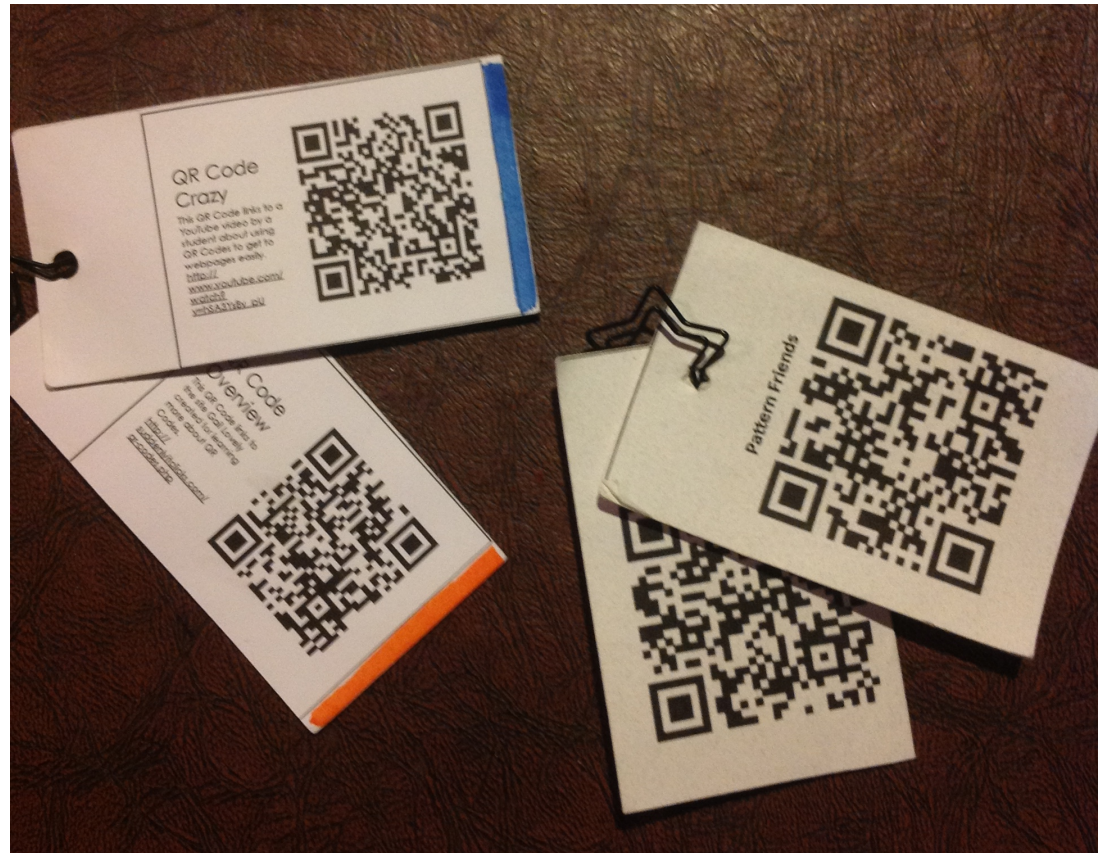
Rubrics too...



How to Differentiate Provide Task Support – QR Codes



- QR Codes to sites
- Provides direct access to specific website(s)
- Can provide choice





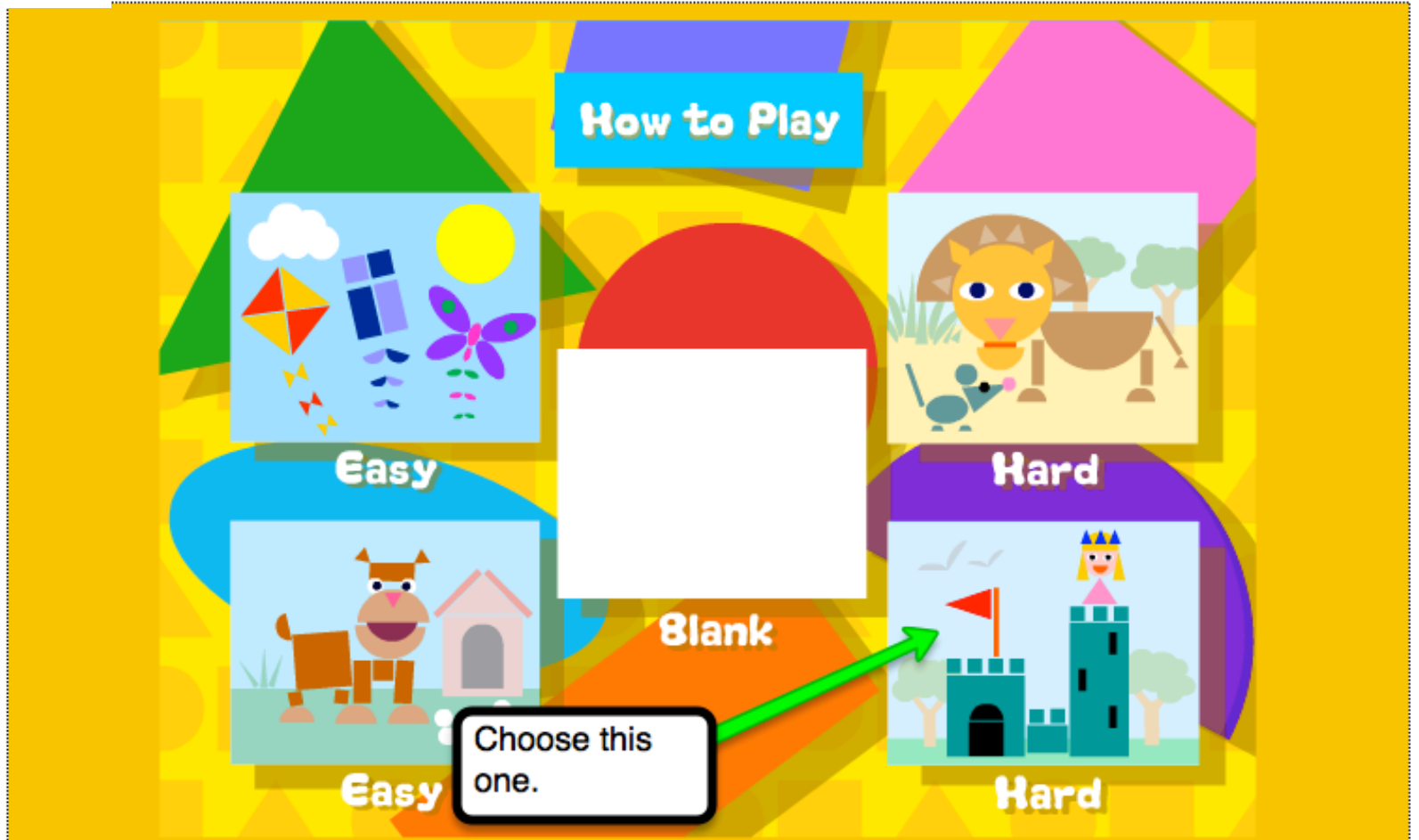
How to Differentiate Provide Task Support – Task Cards



- QR Codes to sites
- Task Reminder
- Screenshot of site with goal or option highlighted
- Make and laminate for sites used often.



Build with Shapes



+ Fair Does not mean SAME!





Thank you for all you do
for all our kids!

Gail Lovely
Gail@GailLovely.com

