

**FEATURES FOR  
FUNCTIONAL AND  
AFFORDABLE  
COMMUNICATION**

**ADAPTIVATION**

I N C O R P O R A T E D

*The World at a Touch*

# WHY LITE TECH?



# BREAKDOWN OF COMMUNICATION

## ○ 55% Visual

- Things we see like:
  - Gestures
  - Facial Expressions
  - Body Movement
  - Objects in the Environment

## ○ 37% Vocal

- Vocal Intonation
- Rate
- Intensity or Volume

## ○ 7% Verbal

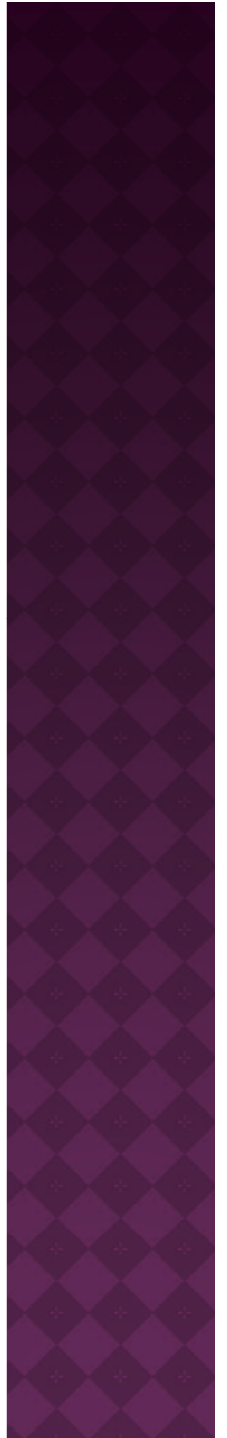
- The actual words that are spoken

Hodgdon, L. A. (2011). Visual strategies for improving communication: Practical supports for Autism Spectrum Disorders. Troy, MI: QuirkRoberts Publishing.



# DEVELOPMENTAL SEQUENCE OF VISUAL CUES

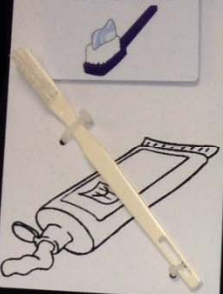
- Real Objects
- Miniature Objects
- Partial Objects
- Real Photos
- Line Drawings (BoardMaker, Widgit, SymbolStix)
- BlissSymbolics
- Text



**OBJECTS**



brush teeth



eat



cook




computer



outside



clean



play



listen



work



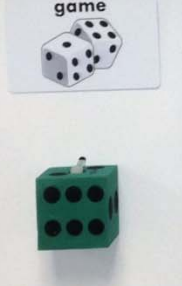
dress



TV



game



read



bathroom



bed



shop



comb



money



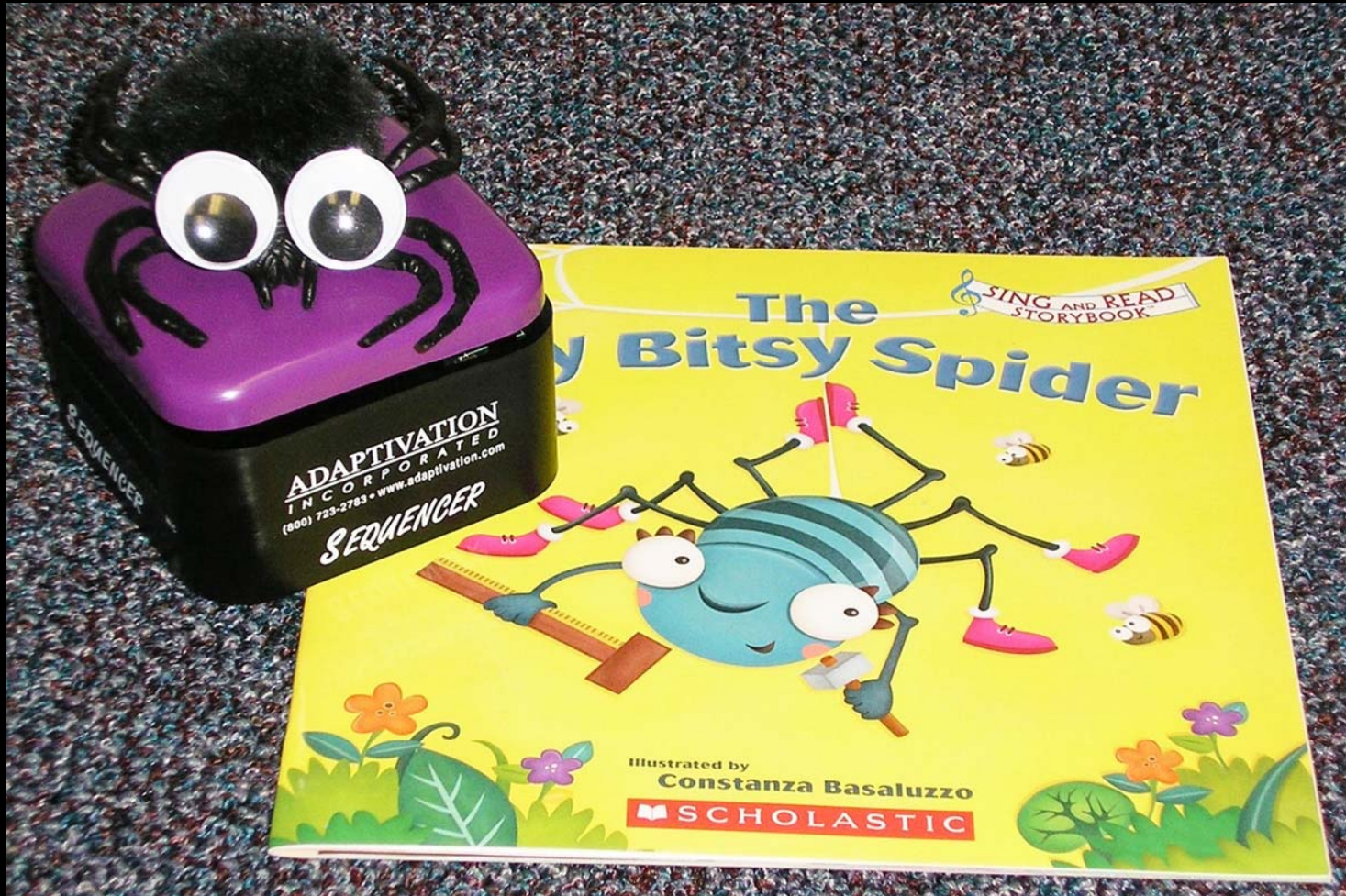
drink



wash









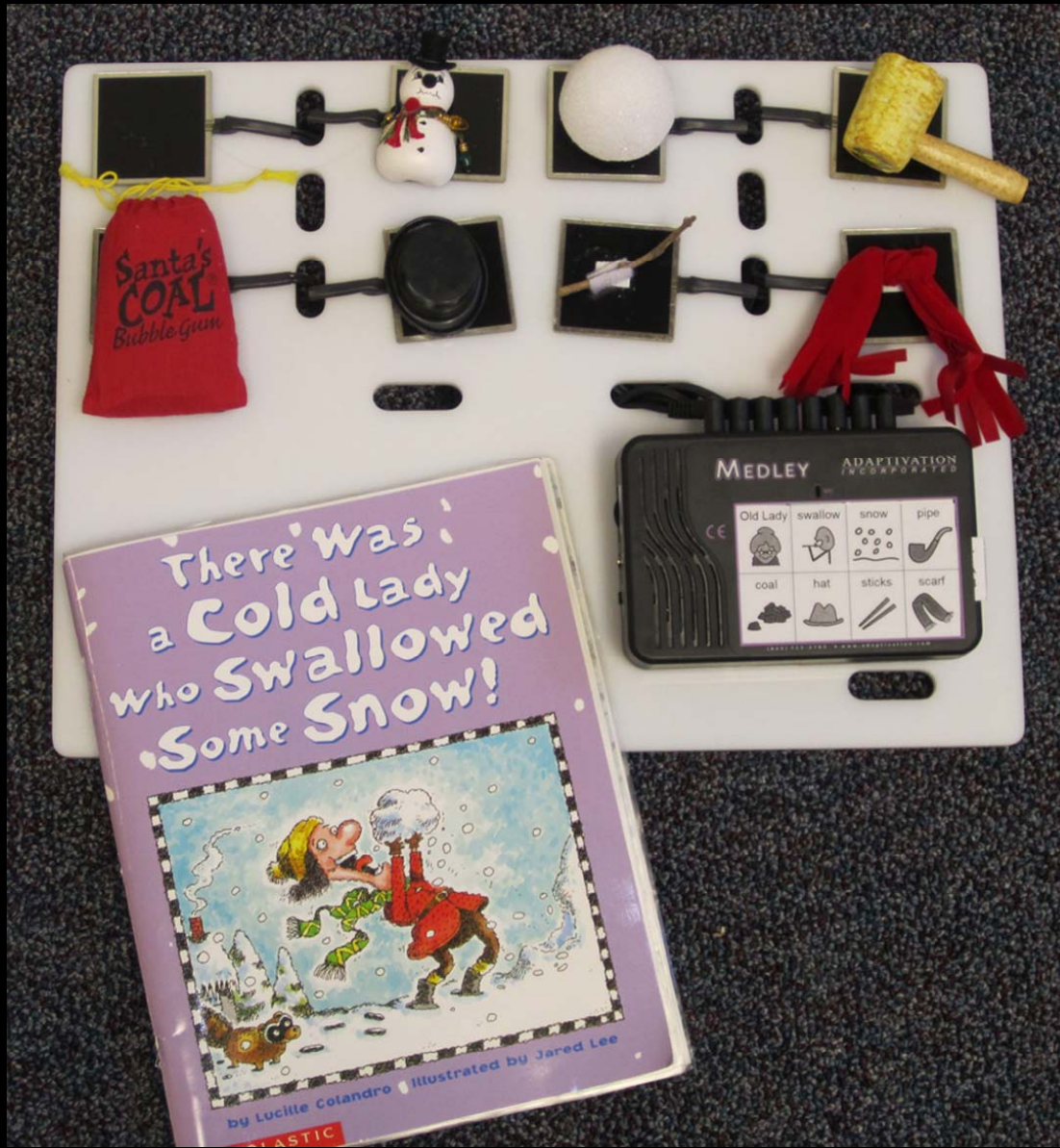


**DIRECT SELECT**









**SINGLE MESSAGE**











# SEQUENCING

The ability to pre-record a series of messages and control the order in which they are played back

# RANDOMIZING

The ability to control the recorded vocabulary set but not the play-back order



Sequencing and Randomizing  
should be used for  
Expressive *and* Receptive  
language activities!

# SEQUENCER FEATURES

- Single-message!
- 2 Independent Levels
- 90 seconds of record time per level
- External switch jack for access or to enhance visual cueing
- Relay/Toy jack
- External speaker jack
- Simple to record
- Auditory Cue (beeping)



# Online Safety Rules



## I will...

- set up rules for going online: time of day, length of time online, and sites allowed.
- be a good online citizen and do nothing to hurt others or that is against the law.
- report inappropriate information to an adult right away.
- check with an adult before downloading or installing software.

## I will not...

- give out my Internet passwords to anyone other than my parents or teacher.
- plan to meet anyone without first checking with a parent.
- give personal information without a parent's permission. This includes my photo, name, address, phone number, parent's work number, school name, location, or places I go.
- respond to, or forward, messages that make me feel uncomfortable.



We pledge to follow the rules!

These pledges from the Rules for Internet Safety from The Internet Safety Center, 2011 and The National Center for Missing and Exploited Children, Alexandria, Virginia. ©2011, 2008 iStockphoto.com





The Gladiator Frog's color says "beware" to its predators.



yellow frog



Macaws are the most vividly colored of all birds. This one is called the Hyacinth Macaw.



blue bird





Twas the Night Before Thanksgiving  
Rhyming Word Pairs

- |                       |                      |
|-----------------------|----------------------|
| 1. Trees—Breeze       | 14. Eyes—Cries       |
| 2. Crins—Begin        | 15. Do—Too           |
| 3. Terrains—Brains    | 16. Ground—Down      |
| 4. See—Turkey         | 17. Matter—Fatter    |
| 5. Rugged—Mack Nugget | 18. Hay—Away         |
| 6. Toe—Velcro         | 19. Puffing—Stuffing |
| Claw                  | 20. Night—Cries      |

So out through the barnyard  
They ran and they flew,  
And they gobbled and giggled  
As friends sometimes do.



# Hot Chocolate Recipe

## Ingredients:



## Directions:

1. Wash your hands.
2. Open packet of cocoa.
3. Pour packet in mug.
4. Pour water in mug
5. Put mug in microwave.
6. Choose cooking time (about 1 minute).
7. Start microwave.
8. Carefully remove mug.
9. Stir until smooth.
10. Drink and clean up.



# RANDOMIZER FEATURES

- ◉ 2 Independent Levels
  - Single-message mode
  - Jumble mode
  - Eliminator mode
- ◉ 90 seconds of record time per level
- ◉ External switch jack for access or to enhance visual cueing
- ◉ Relay/Toy jack
- ◉ External speaker jack
- ◉ Simple to record









## If You're Happy and You Know It

If you're happy and you know it,  
Clap your hands.

*(Clap your hands twice.)*

If you're happy and you know it,  
Clap your hands.

*(Clap your hands twice.)*

If you're happy and you know it,  
And you really want to show it,

If you're happy and you know it,  
Clap your hands.

*(Clap your hands twice.)*

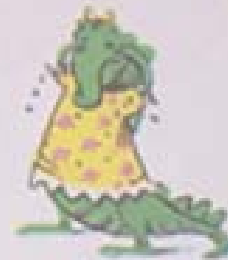
*Continue with:*

If you're mad and you know it, stamp your feet. . . .

If you're excited and you know it, wave your arms. . . .

If you're sad and you know it, rub your eyes. . . .

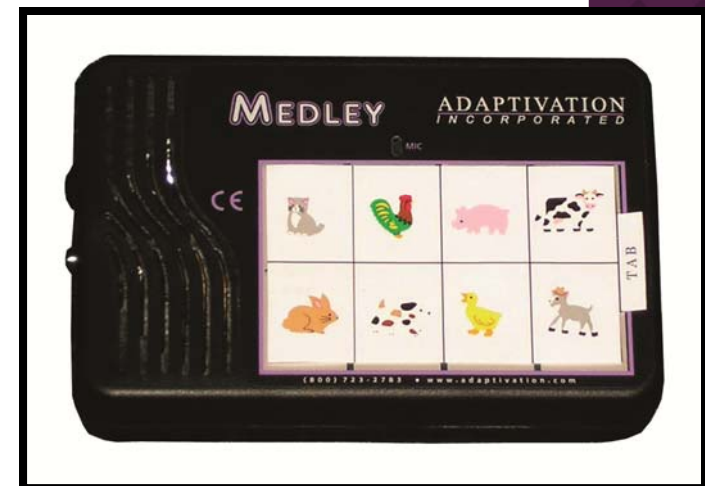
If you're silly and you know it, shake your head. . . .





# MEDLEY FEATURES

- Sequencing & Randomizing
  - Accessed through external switch (plug in and go!)
- On-board keypad
- 8 external switch jacks
- 90 seconds of record time
- Visual cues via overlay
- Automatic message playback after recording
- Simple to record (record in any order)





# VOICEPAL LEVELS FEATURES

- Sequencing & Randomizing
  - Accessed through external switch (plug in and go!)
  - One or two-button
- On-board keypad
- 2, 3, 5 or 10 messages
- 10 external switch jacks
- 4 Levels
- 17.5 minutes of record time
- Visual cues via overlay and lights
- Automatic message playback after recording
- Simple to record (record in any order)
- Scanning





SE0 1 2 3 4 5 6 7 8 9 10 SCAN (M) RECORD

**VoicePal Levels**  
ADAPTATION

Jingle Bells 	all the way 	fun 	ride 	sleigh 
Jingle Bells 	all the way 	fun 	ride 	sleigh 

ESC SCAN STOP KEY LOCK

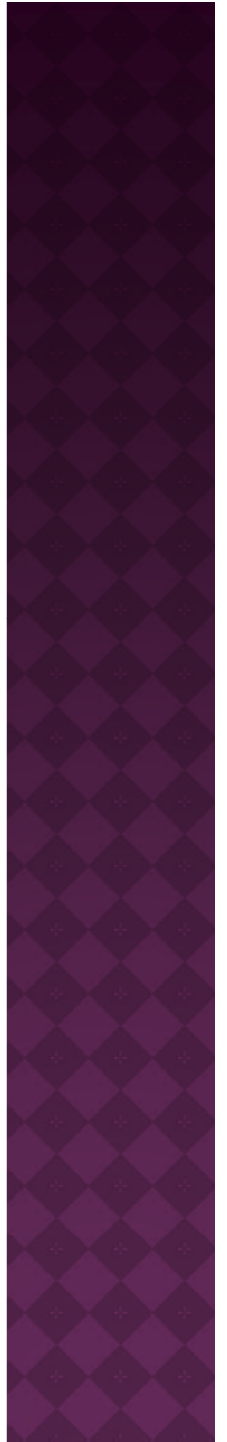


Jingle all the way!

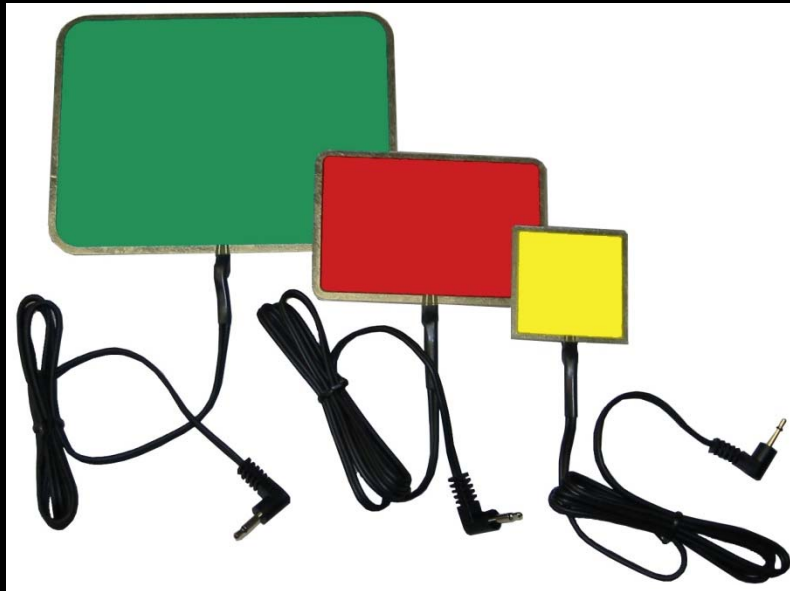




# EXTERNAL SWITCH JACKS



# SWITCHES



**John's  
Morning**



**Eat Toast**



**Drink Juice**



**Brush Teeth**



**TV Time (15 minutes)**



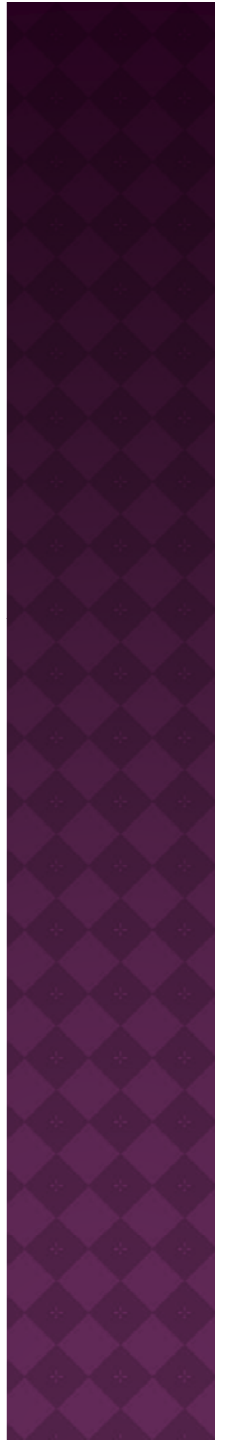
**Leave for School**

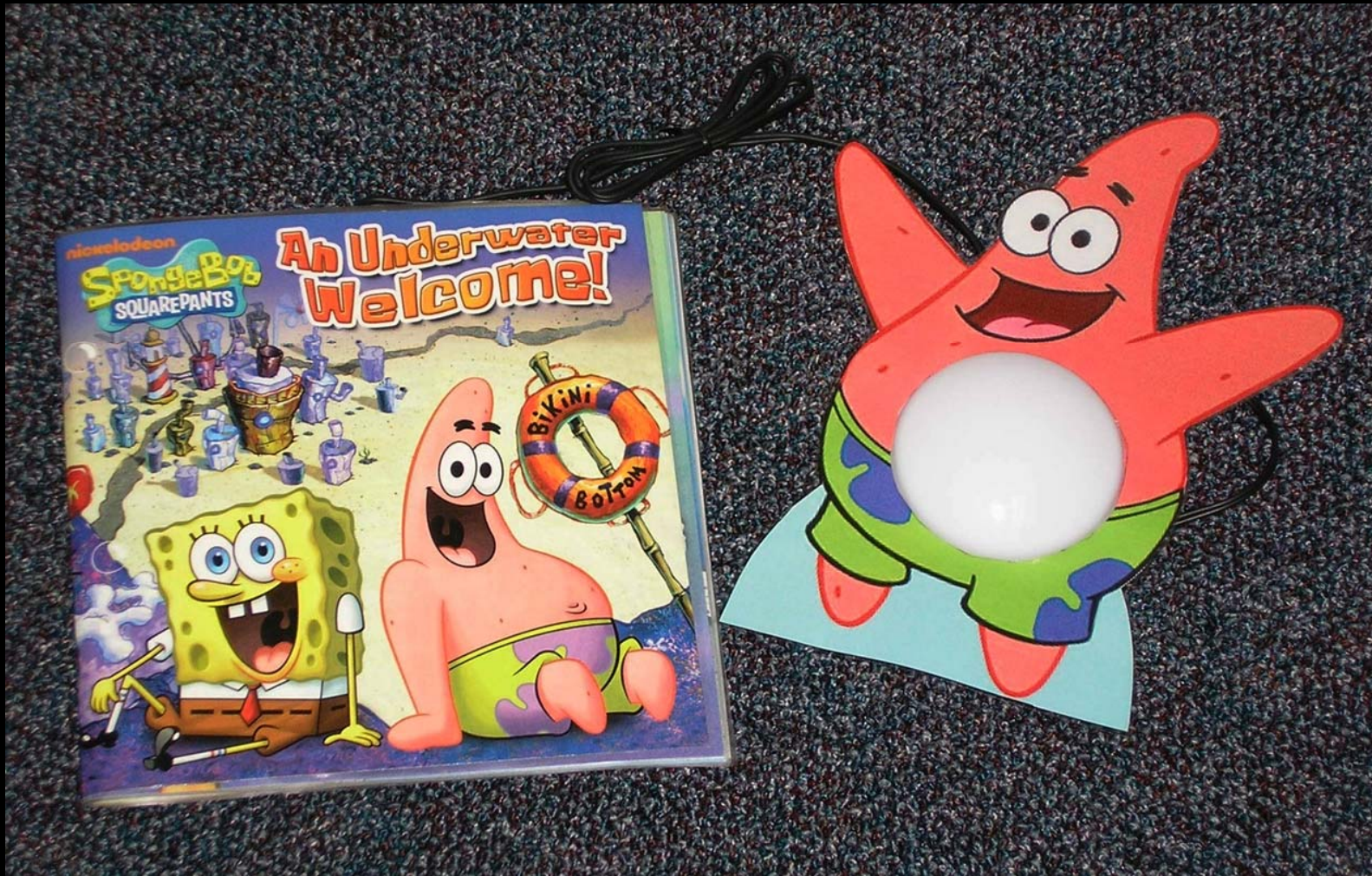


**BATTERY  
ADAPTION**

**&**

**SWITCH-LATCH  
TIMER**













# RESOURCES

- ◉ Adapt This...
- ◉ Workshop Kits
- ◉ Trial Program
- ◉ [www.adaptivation.com](http://www.adaptivation.com)
  - Idea Album

