

2016 VISIONARY CONFERENCE CELEBRATING 20 years of Fast ForWord

The Practicality and Psychology of Successful Interventions

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The Westin San Diego Hotel, CA

Financial Disclosure

- **Financial disclosure statement:**
Aditi Silverstein is a full-time employee of Scientific Learning Corporation.
- **Nonfinancial disclosure statement:**
No relevant nonfinancial relationships exist.

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As therapists, we take care of all kinds of clients...



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Some are easier to relate to...



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Others take a good bit of tolerance...



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The intention of the clinician to support clients, to bring happiness and new knowledge to them, is critical to the ability of the person to learn.

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"A torn jacket is soon mended; but hard words bruise the heart of a child."
— by Henry Wadsworth Longfellow



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"When you change the way you look at things, the things you look at change."
Wayne Dyer, American author, motivational speaker

When you change the way you look at a person, the person you look at changes.

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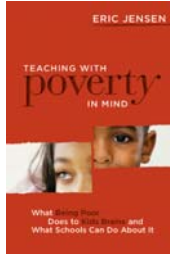


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“Teaching with Poverty in Mind”

- By Eric Jensen
- Subtitle: “What Being Poor Does to Kids’ Brains and What Schools Can Do About It”



“A Megadose of Hope!”



- Too often we assume that low-SES students will have less access, be more stressed, be sick more often and have less support at home. Therefore we expect less.
- Teacher beliefs and assumptions play a big part in the outcome, especially for students subjected to low expectations.
- **HOPE** changes brain chemistry!

“Growth Mindset”

- “Great effort!” is not enough. Students need to be *learning*.
- We need to help students develop strategies: “Let’s talk about what you’ve tried, and what you can try next.”
- We all – teachers and students – are a mix of fixed and growth mindsets. Work to develop more of a growth mindset.

Carol Dweck – Education Week – 9/22/15

HOW TO ENCOURAGE STUDENTS

<p>Growth Mindset What to say:</p> <p>"When you learn how to do a new kind of problem, it grows your math brain!"</p> <p>"If you catch yourself saying, 'I'm not a math person,' just add the word 'yet' to the end of the sentence."</p> <p>"That feeling of math being hard is the feeling of your brain growing."</p> <p>"The point isn't to get it all right away. The point is to grow your understanding step by step. What can you try next?"</p> 	<p>Fixed Mindset What not to say:</p> <p>"Not everybody is good at math. Just do your best."</p> <p>"That's OK, maybe math is not one of your strengths."</p> <p>"Don't worry, you'll get it if you keep trying."</p> <p>"It shouldn't be using the wrong strategies. Your efforts might not work. Plus they may feel particularly upset if their efforts are fruitless."</p> <p>"Great effort! You tried your best!" <small>"Don't compare your own personal performance from past students."</small></p> 
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SOURCE: Carol Dweck

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Interventions



How to Help a Struggling Student!
— or —
"How can I erase those pesky red flags!"



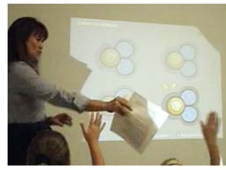
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Intervention Prevention!

Spend enough time in Demo's to prevent early intervention flags!

LANGUAGE v2/ LITERACY

- Sky Gym/Space Racer
- Hoop Nut/Spin Master
- Moon Ranch/Galaxy Goal
- Whalien Match/Lunar Tunes



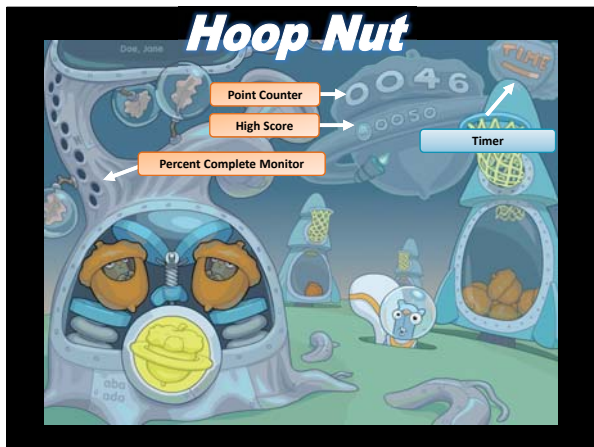
"Intervene EARLY; Intervene OFTEN"

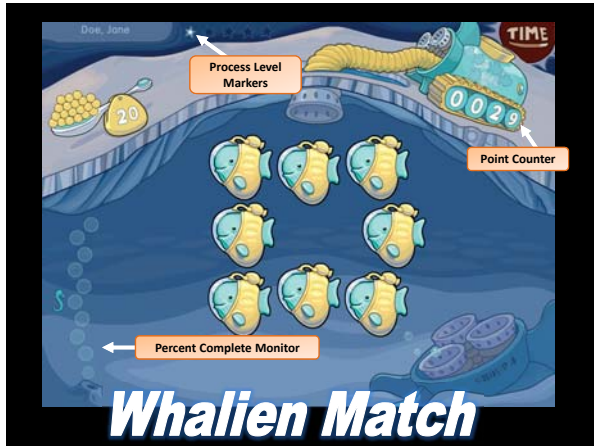
Simple, Timely Interventions help students overcome obstacles and move them toward success!

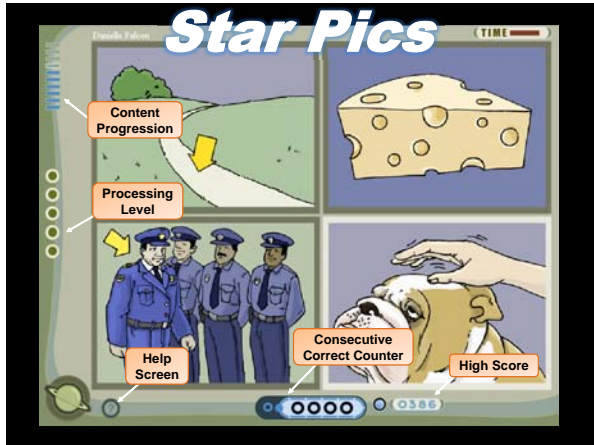
Emphasize Accuracy over speed.

- Completion Percentage is more important than Points!










Interventions – being a diagnostician

1. 3 Up/ 1 Down Exercises
2. 90% Exercises
3. Using Results Data to Diagnose



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The 3 Up/1 Down Exercises

Sky Gym- Jumper Gym



Space Racer – Sky Rider



Most flags - Most challenging –
Most important

The 3 Up/1 Down Exercises

- Accuracy
- Accuracy
- Accuracy

ACCURACY – not speeeeeed

Intervention *Fast ForWord™ We Can Succeed*

Scenario 1
 hits: 11110111110111110111110111110111110
 level: 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1
 30 hits / 36 trials = 83% correct

Scenario 2
 hits: 00000011111111111111111111111111111
 level: 1111111 2 3 4 5 6 7 8 9 10 11
 30 hits / 36 trials = 83% correct

Scenario 3
 hits: 1110111011101110111011101111111111111
 level: 1 21 21 21 21 21 21 2 3 4 5
 30 hits / 36 trials = 83% correct

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Helps for Sky Gym!

Strategies used by successful coaches to help students succeed.



Training Mode on Sky Gym

Say It, Touch It, Click It

1st: Re-Label the Arrow Keys
On the keyboard, label the **UP** and **DOWN** arrow keys as follows:
- On the **LEFT** arrow key, place a sticker with the word **GO** in green.
- Use the **UP** arrow key **U** for the **up** sweep and the **DOWN** arrow key **D** for the **down** sweep.

2nd: Re-Name the Sounds
Teach your students to call the **UP** sweep "uu" and the **DOWN** sweep "dd". Next, place a sticker **GG** on the **UP** arrow key and label it "uu". Place a sticker **DD** on the **DOWN** arrow key and label it "dd". The target sounds for sequence might be, for example, **UU** (uu) followed by **DD** (dd).
(Some coaches have also used other sounds - map, bap, bap, whoo for the two tones. Use whatever works best for your students.)

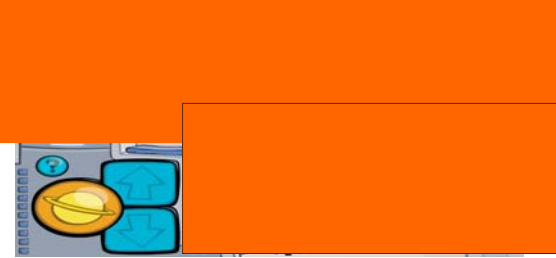
3rd: Teach "Say it," "Touch it," "Click it."
After initially pointing to the tones, teach your students to:
1) SAY "uu."
2) Then have student SAY "uu" while TOUCHING the sticker behind "uu" and "dd."
3) Finally, have the student SAY "uu" while TOUCHING the sticker behind "uu" and "dd" (the UP arrow, labeled by the DOWN arrow).

Begin by prompting each step for the student, then gradually fade the prompt.



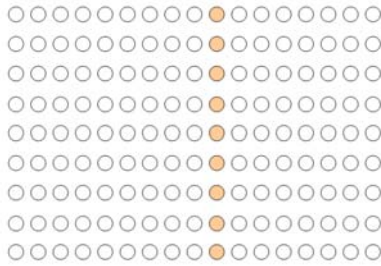
Screen Shield

Cover the screen with paper so that only the arrows show. This will eliminate visual distractions.



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Ten in a Row



Can also use for Hoop Nut/Spin Master, Moon Ranch/Galaxy Goal

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The 3 Up/1 Down Exercises



Moon Ranch – Galaxy Goal



- Patience and Phonological Awareness
Helping the students hear/"feel" the change
- The Boredom Factor
Motivate/Encourage

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The 3 Up/1 Down Exercises

Hoop Nut – Spin Master



- Diagnose most difficult sound sets
- Work on hearing the sound sets to build the awareness of the differences



The 90% Exercises (aka) The Word Exercises



The 90% Exercises (aka) The Word Exercises

Language v2 – Space Commander, Ele-Bot, Robo-Dog



Language to Reading v2 – Cosmic Reader



Literacy – Star Pics, Stellar Stories

Literacy Advanced – Galaxy Theater



The 90% Exercises

Cosmic Reader



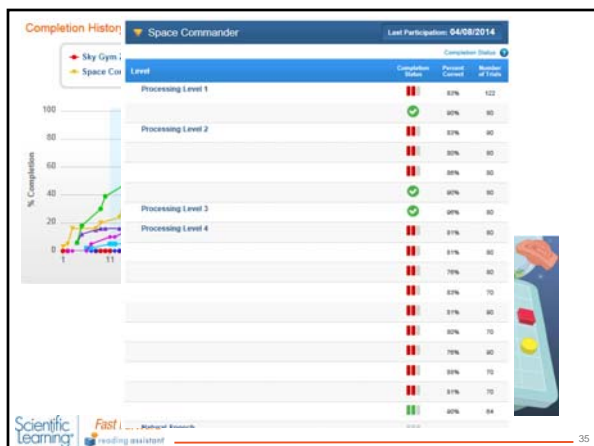
Galaxy Theater – Stellar Stories
 each story: 4 chapters –
 4 comprehension questions – need 100%

*Inform your students –
 How to work on comprehension*





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The 90% Exercises

Completion Report Details Expanded All

Level: Cosmic Reader | Last Participation: 10/21/2014

Level	Completion Status	Percent Correct	Number of Trials
Processing Level 3: Chicken Licken			
Listening Comprehension		88%	18
Language Conventions		91%	12
Following Directions		79%	4
Processing Level 3: Chicken Licken			
Listening Comprehension		79%	144
Language Conventions		79%	144
Following Directions		82%	121
Following Directions		82%	88

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Don't let this happen!

Completion Report Details Expanded All

Level: Stellar Stories | Last Participation: 02/21/2014

Level	Completion Status	Percent Correct	Number of Trials
Processing Level 1: It Rained One Night			
Listening Comprehension		67%	18
Language Conventions		100%	4
Following Directions		67%	157
Following Directions		72%	157
Following Directions		62%	157
Following Directions		74%	157
Following Directions		79%	157
Following Directions		79%	157
Following Directions		71%	157
Following Directions		80%	157
Following Directions		89%	157
Following Directions		82%	25
Following Directions		87%	88
Following Directions		87%	88
Following Directions		94%	88

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The 90% Exercises

Help the Student Realize what she/he needs to do to **SUCCEED!**



"Wow, we're so close, and I know you're getting tired of these same directions. So all we have to do is get 1 more right answer out of every 20 we do and we'll be on our way to the next processing level!"



The Exceptions

Whalien Match – Lunar Tunes



Strategy, strategy, strategy



**"Intervene EARLY;
Intervene OFTEN"**

Simple, Timely Interventions help students overcome obstacles and move them toward **success!**

– **Make your Intervention LESSON PLAN in advance**



Intervention Planning Tool

Fast ForWord Intervention Planning Tool

Teacher/Coach: _____ Group/Block: _____ Week of: _____

Monday

Student Name	Exercise-Intervention Planned	Notes/Result of Intervention

Tuesday

Student Name	Exercise-Intervention Planned	Notes/Result of Intervention

Wednesday

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Look for: Intervene Alert Flags

Products: Reading Level 1

Exercise Completion by Student

Student	Total Days Used	Last Used	Status	F percent C complete	Star Days	Booktime Booklets	Buzz Fly	Flying Fish	Magic Rabbit	Sound Blast
A'Mon	24	07/31/14	🚩	62%	93%	66%	80%	3%	53%	81%
Camd	23	07/31/14	🚩	50%	59%	50%	75%	7%	53%	59%
Corbi	22	07/31/14	🚩	69%	62%	100%	80%	33%	51%	90%
Ethan	23	07/31/14	🚩	59%	75%	66%	35%	35%	53%	90%
Habac	25	07/31/14	🚩	76%	78%	100%	70%	31%	80%	100%
Isaiah	22	07/30/14	🚩	79%	87%	100%	100%	38%	53%	100%
James	24	07/31/14	🚩	68%	87%	58%	65%	42%	57%	100%
Levi B	26	07/31/14	🔄	82%	81%	100%	90%	42%	83%	100%
Micha	24	07/31/14	🚩	50%	81%	50%	30%	27%	67%	50%
Myky	20	07/30/14	🚩	54%	71%	50%	50%	37%	39%	77%
Ta'Lys	20	07/31/14	🚩	59%	71%	94%	50%	27%	48%	72%

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...or just flatline on an exercise

Completion History for Literacy Advanced

Legend: Meteor Ball 100%, Sky Rider 66%, Lunar Leap 98%, Galaxy Theater 65%, Laser Match 100%

Y-axis: % Completion (0 to 100)
X-axis: Days of Use (0 to 80)

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Weekly Achievement Report

Participation and Points

Exercise	Jan 09/13	Jan 16/13	Jan 23/13	Jan 30/13	Feb 06/13	Feb 13/13	Feb 20/13	Points Total
Participation Bonus			100	100	100			300
Ele-Bot		200						200
Hoop Nut		176						176
Moon Ranch				240				240
Robo-Dog				304	296			600
Sky Gym				200				200
Space Commander								
Whalien Match		276	300	440				916
Total		791	1050	1030				2871

Daily Usage Record

Usage Summary
Product: Language v2

Start Date: 05/01/2013 | Date Last Used: 09/05/2013 | Usage Days: 27 | Protocol: 30 Minutes

Usage Overview	Detailed Usage	Exercise Start Time	Completion Status				
Date	Ele-Bot	Hoop Nut	Moon Ranch	Robo-Dog	Sky Gym	Space Commander	Whalien Match
05/01/2013							
05/02/2013							
05/03/2013							
05/04/2013							
05/05/2013							
05/06/2013							
05/07/2013							
05/08/2013							
05/09/2013							
05/10/2013							
05/11/2013							
05/12/2013							

Raise Your Hand!

Fast ForWord
LANGUAGE

Raise Your Hand
when on checked (✓) exercises.

Sky Gym Hoop Nut Moon Ranch

Robo-Dog Whalien Match

Space Commander Ele-Bot

Thanks for listening every day!

Final Observations...



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Successful interventions lead to
Successful students which lead to
Successful lives

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THANK YOU!



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