

65th CONFERENCE ON EXCEPTIONAL CHILDREN

Session #72

GRADUATION: The Measure of Tomorrow

Let's Collaborate! More is Always Better

Presented by: Katie Dowd, EC Teacher
Kristine Drum, MA, CCC-SLP
Jennifer Manning, HTR
Martha Simmons, OTR/L

PUBLIC SCHOOLS OF NORTH CAROLINA
State Board of Education | Department of Public Instruction

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Collaborate:

to work with another person or group in order to achieve or do something

<http://www.merriam-webster.com/dictionary/collaboration>

Our Collaborative Team

(Disclosures)

Katie Dowd, EC Teacher
Presenter
Full time Functional Primary teacher with WS/FCS at The Special Children's School
Serve 1st-5th graders
kdowd@wsfcs.k12.nc.us

Kristine Drum, MA, CCC-SLP
Presenter
Full time SLP with WS/FCS at The Special Children's School
Part Time SLP with Simply Therapy
Serve Preschool to 5th graders
kdrum@wsfcs.k12.nc.us

Jennifer Manning, HTR
Presenter
Horticulture therapist for The Special Children's School
Serve PreK to 5th grade
jmanning@wsfcs.k12.nc.us

Martha Simmons, OTR/L
Presenter
Full time OT with Winston-Salem Forsyth County Schools
Part Time OT with OT4Kids
Serve Birth to 5th graders
msimmons@wsfcs.k12.nc.us

Our Collaborative Classroom

Classroom Make-up:

1st-5th graders
9 students in classroom
1 Teacher/2 Assistants

Disabilities:

Cerebral palsy
Autism
Hearing Impairment
Visual Impairment
Genetic Disorders
Cognitive Impairment

Services on IEP:

Special Education
Speech Therapy
Occupational Therapy
Physical Therapy
Adapted PE
Hearing Impaired Services
Visual Impairment Services

SETT Framework

The SETT Framework is a model to promote collaborative decision-making for assistive technology.

S
tudent
E
nvironment
T
asks
T
ools



<http://www.joyzabala.com/Home.php>

SETT Framework Roles

Teacher: determine what the specific task for each student will be during curriculum activities.

OT: determine what modification to materials, equipment, and environment are needed to ensure the students can access the curriculum

PT: determine what positioning equipment is needed for students to maximize access potential during curriculum activities

SLP: determine what mode of communication is most appropriate for each student, create communication supports and overlays, program devices

HT: determine tasks students will be engaged in during collaborative horticulture lessons

Ready, SETT, Collaborate!

Room Setup
IEP Development
Functional Work Tasks
Academics & Classroom Activities
Specials
Therapy Sessions

Room Setup



Room Setup

- S:** Entire Class
- E:** Sensory Corner
- T:** Place to calm down & have free choice
- T:** Powerlink
 - Large switch, picture symbol
 - Light Strands
 - Bean bag-cushioned seating



Room Setup

- S:** Entire Class
- E:** Classroom
- T:** Follow Class routines
- T:** Visual Schedules
 - Visual Cue Cards



Room Setup

- S:** Entire Class
- E:** Classroom Activities
- T:** Communicate wants/needs throughout the day
- T:** Choice boards
 - Picture Exchange
 - Communication Notebook
 - Communication Devices
 - Eye Gaze Frame



Room Setup

- S:** Entire Class
- E:** Writing
- T:** Free choice writing/sign in
- T:** Child size desk & chair
Custom made sign in sheet
Photos
Match letters
Letter writing



IEP Development



Teacher Goal
+
Therapist Goal
=
Integrated Goals

Sample #1



Teacher Goal
(Student will participate in classroom activities)

+

Therapist Goal
(Student will make choices using eye gaze)

=

Integrated Goals



(When presented with photo/symbol choices in a field of four, Student will use eye gaze to participate in at least 4 out of 5 daily classroom activities (including breakfast, lunch, story time, circle time, outside, free choice, art, etc.) throughout his school day

Sample #2



Teacher Goal
(Student will participate in classroom activities)

+

Therapist Goal
(Student will use adapted classroom tools)

=

Integrated Goals
(Student will participate in his educational setting using appropriate adaptations, modifications and adult assistance in 3/4 opportunities.)



Sample #3

Therapist Goal
Student will participate in social greetings by taking 2 turns with a communicative partner 50% of opportunities provided during his school day.

+

Classroom Activities
entering/leaving room, circle time, special activities

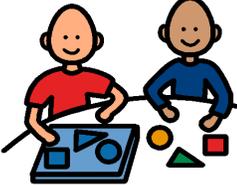
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Collaborative Goal Services
Classroom staff works on social greetings daily when entering/leaving the classroom using picture symbols attached to the classroom door 10x weekly.
Classroom staff works on social routines during circle time daily using picture symbols 5x weekly.
Classroom staff works on social greetings when the classroom has visitors such as parents, therapy dog, and other therapists daily.
Therapist works on social skills during sessions 1x a week.





Functional Work Tasks





Functional Work Tasks

S: Entire class

E: Work Tasks to build sorting, fine motor & life skills

T: Make choices & follow a photo schedule

T: Task boxes, Communication Boards, Photo Choice/Schedule board





Independent Work Tasks

S: Phillip & Emmanuel

E: Independent work task station

T: Follow a schedule to complete tasks

T: Task boxes
Academic tasks
Schedule board





Academics & Classroom Activities

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S: Nicholas
E: Math
T: Identify numbers
T: 16-symbol personal communication device
reinforcer for participation and completion



S: Emmanuel
E: Mealtime
T: Make requests
T: iPad with Proloque2Go
Go Talk Express 32



S: Tayvon
E: Mealtime
T: Make requests for eat/drink
T: Eye gaze frame
Picture symbols, objects
Signs
Wheelchair w/tray



S: Nicholas

E: Literacy

T: Identify letters in first and last name

T: 16-symbol personal communication device
reinforcer for participation and completion



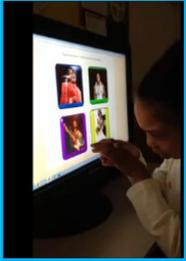


S: Mahogany

E: Literacy

T: Answering questions

T: computer, touchscreen
Swifty
Jelly-bean switch
Classroom Suite

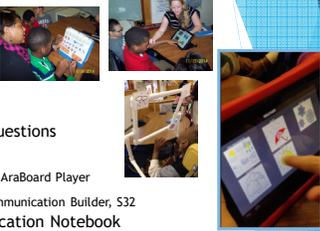



S: Entire class

E: Circle Time

T: Participation in weather questions

T: Apps: Proloque2go, ChoiceBoard, AraBoard Player
Devices: Nabi, iPad, Go Talk, Communication Builder, 532
Eye Gaze Frame, Communication Notebook
Visual Schedule




S: Ricky
E: Outside Recess
T: Communicate choices and requests for activities
T: 3-photo choice board
12-symbol photo board



S: Mahogany
E: Free Play
T: Make choices of activities
T: eye gaze frame
photo choices
wheelchair + tray



S: Emmanuel
E: Free Play
T: Making requests for activities and materials
T: iPad with Proloque2Go app



S: Tayvon
E: Free Play
T: Interacting with a cause/effect app
T: iPad
Fischer Price Black/White



S: Entire Class
E: Classroom-social skills
T: Following routines, expressing personal information
T: Social story app



Adapted PE 

Horticulture 

Music 

Specials

S: Entire Class
E: Music Class
T: Make choices of songs
T: Picture symbols
Communication Notebook

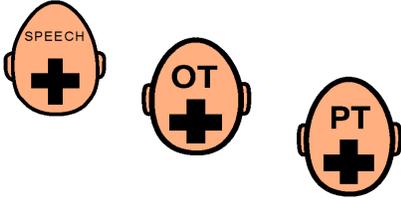


S: Entire Class
E: Adapted PE Class
T: Make choices of activities
T: Picture symbols



S: Entire Class
E: Horticulture Class
T: Make choices of materials to complete activity
T: Picture symbols





SPEECH
OT
PT

Therapy Sessions

S: Mahogany

E: Collaborative OT/ST session-free play

T: Make choices of activities
Activation of iPad

T: iPad
Apps: Jungle Jam & Bubble
wheelchair + tray






S: Phillip

E: Speech Session-art

T: Construct a wind sock using star stickers

T: Communication Notebook
Speech
Visual Schedule




S: Tayvon

E: Speech, OT, & PT Session

T: Driving a motorized scooter with switch

T: Big Red Switch
GO/STOP symbols
Switch ready scooter board
Dycem
Slant Board
Gait Belts






S: Tayvon

E: Collaborative OT/ST session-art

T: Construct a wind sock using star stickers

T: Eye gaze frame
Picture symbols
Signs
Wheelchair w/tray
Visual Schedule




S: Johnny & Miles

E: Collaborative ST sessions

T: Communicate wants in the classroom

T: PECS (Phrase I, Phase II)

App Resources:



Beautiful Bubbles (.99)



Jungle Jam (\$2.99)



Social Story Creator & Library (FREE+ in app purchases)



AraBoard (FREE-Android)



Choice Board Creator (FREE)



Proloquo2Go (\$219.00)

See handout for additional apps used in the classroom.

Questions



Contact Information

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GRADUATION: The Measure of Tomorrow

65TH CONFERENCE ON EXCEPTIONAL CHILDREN

Phonics/Letter/ Word Recognition

Phonics silly sentences

Phonics Silly Sentences 2

Howie Word Family

Howie Finding Vowel

Howie Hungry Monster- Build Words

Cimo Can Spell

Cimo Spelling Sight

Gopher Finding: Sight Word

Sight Words by Little Speller

Sight Words 2

Sight Words by Photo Touch

Sight Words: Kids Learn

Sight Words Flash Cards

Ace Writer- Dolch Sight Words

Fill The Gap Smudge Lite

Little Speller- Three Letter Words

Rocket Speller

A to Z- Mrs. Owl's Learning Tree

Phonics Tic-Tac Toe Interactive Game

Phonics Fun 1

Avenge The Pigs HD- Words Free Lite

Little Finder ABC

Build a Word Express- Practice spelling and learn letter sounds and names

Preschool Spelling Free

iTouchilearn Words for Preschool Kids Free

ABC Spelling Magic Short Vowel Words

ABC Spelling Magic 2 Consonant Blends

First Words (Deluxe): Spelling and Learning Game

Word Wizard

Spelling Bug

Spelling Bug 2

SpellingCity

Accelerated Reader

ABC Magic Reading 2 Consonant Blends

Phonics Rhyming Bee Free

ABC Phonics Make a Word

PopWords!

Little Matchups ABC- Alphabet Letters and Phonics Matching Game

Bob Books Reading Magic Lite

Word Games For Kids- Futaba

Magic Spell- 300 First Words



Phonics Vowels- Short Vowels, Long Vowels, Two Vowels

ABC Phonics Word Family Free

iSpell- learn to spell common sight words

Touch and Learn- ABC Alphabet and 123 Numbers

Missing Letters: Vowels

ABC Magic 3 Line Match

ABC Magic 4

ABC Alphabet Phonics- Preschool Kids Game Free Lite

Big or Small Lite

Reading Comprehension

Aesops Quest

Reading Monster Town 1

Reading Fluency Test

Collins Big Cat

The Land of Me

Painless Reading Comprehension Challenge

Books/Read Aloud

Kindle (Tons of free ebooks for all ages!)

iReading HD- Stories Collection

ABCmouse.com

Scholastic Storia

Grimm (over 30 different books/activities)

Story Time for Kids

Starring You StoryBooks

MeMeTales- Children's Stories and Picture Books

Scribble Press

ICDL Free Books For Children

Story and Sentence Composition /Creative Book Making

Story Creator

Story Maker HD

Comic Puppets Lite

Scribble Press

Super Duper Story Maker Free

Picturebook

StoryBuddy2 lite

Collins Big Cat

Story Wheel

Cubric Lite

Grammar/Sentence Structure/Vocabulary

I can write 1

I can write 2

| | |
|------------------------------------|---|
| I can write 3 | Counting and Skill Counting |
| Sentence Builder Free | Teaching Number Lines |
| Quiz My Grammar | Pearl Diver |
| My Grammar Lab | Free Kids Counting Game |
| Using I and Me | Candy Count |
| Sentence Reading Magic | Sushi Monster |
| Reading Monster Town One | Ewe Can Count |
| ITooch English Grade 5 | Math Is Fun: (Ages 3-4, 4-5, 5-6) |
| iTooch Elementary | Lola's Math Train Lite |
| Bluster! | 123 Games lite |
| Vocabulary Builder (1,2,3,4) | Annie's Apples |
| Grammar Up | Everyday Mathematics Monster Squeeze |
| Not the Hole Story | Line 'em Up |
| Vocabulary HD- Free | A Number Math App |
| Front Row Vocabulary | Add/Subtract |
| Grammar Express: Parts of Speech | Avenge The Pigs HD- Lite Free |
| Test Your Prepositions Lite | Ace Kids Math Game HD |
| Professor Garfield Fact or Opinion | Ace Math Land |
| Interactive English | Math Challenge 1 (lite) |
| Numbers/Counting/Sorting | A Math Regrouping App |
| Learn Numbers Free | Motion Math: Hungry Fish |
| 123 Number Magic Line Matching | Butterfly Math Additions |
| 123 Fun: Write and Learn Numbers | Math Bug Free |
| | Everyday Mathematics Addition Top It |
| | Math Drills Lite |
| | Motion Math Zoom |
| | Kids Math Fun- Kindergarten |
| | Math with Balloons |
| | Math Puppy |
| | Mad Math Lite |
| | 10 Frame Fill |
| | Meteor Math |
| | Word Problems |
| | Ace Kids Math Word Problems (<i>2 different apps</i>) |
| | Drill Math Word Problems- Banana Math |
| | Multiply/Divide |
| | TimesTableLite |
| | King of Math |
| | Ace Multiply Matrix HD Free |
| | Mad Math Lite |

Meteor Math
Experience Math- Multiplication Teachers App
Experience Math- Division

Fractions
Fill The Cup
Everyday Mathematics Equivalent Fractions
Pizza Fractions
Experience Math- Fractions & Decimals

Money
Counting Bills & Coins
Amazing Coin
Counting Money
Coins Genius Lite

Time
Interactive Telling Time Lite
Tell Time* Little Matchups Game

Other- Math
Graphs By Tap to Learn (Great for EOG Practice)
Astro Math (Word Problem game for upper grades)
Rocket Math Free (Money, Division, Addition, Subtraction, Time, etc.)
Playful Minds
Virtual Manipulatives!
Ooops (Order of operations)
Brain Quest
Geometry Pad
Farm 123 Free
Math Pentagon
Mathletics Student – along with Mathletics Teacher
1st Grade Math: Splash
2nd Grade Math: Splash
3rd Grade Math: Splash
4th Grade Math: Splash
5th Grade Math: Splash

Everyday Mathematics Divisibility Dash

First Grade learning Games
Reading The Ruler

Pre-K

If you're happy and you know it

Agnitus- Learning Games

Preschool and Kindergarten Learning Games

Timmy's Preschool Adventure
Caboose Express
Sort It Out 1
Sort it Out 2
Preschool Memory Match

Sensory/Fine Motor/Cause & Effect

Light Box

Fluidity

I love fireworks

Art of glow

Desk Fountain

Music Sparkles

Sound Touch

Somantics

Ooze

Doodoo Pad

Random Touch

Beautiful Bubbles

Jungle Jams

Color Ripple for Toddlers

Draw With Stars!

Pocket Pond

Finger Paint with Sounds

Balls iotic

Sensory Just Touch

Sensory Room

Singing Fingers

Balloon Pops

Handwriting/Fine Motor

Writing Wizard

I write words lite

Little Writer

Alphabet Tracing

ABC Easy Writer- Cursive

Blobble Write HD

Squiggles Lazoo

Let's Color! Lazoo

Doodle Buddy

Play 123

Crayola Paint and Create

Connect the Dots for Kids

Toca Hair Salon

Teddy Bear Maker HD

ILuv Drawing Animals

Paint Sparkles Draw

Build It Up

Drawing With Carl Free

Pepi Bath

Drawing Free

Sight Words: Kids Learn

Injini

Handwriting without tears: Wet, dry, try

Cut the Buttons

Social Stories/Social Story Maker

Kid in Story

Social Stories Creator and Library

Touch Autism social stories (including: Potty Training, "I Want", Turn Taker, etc.)

Model Me Going Places

Autism

ASD Tools

Social Emotional Exchange

Autism Apps

Behavior

Positive Penguin

Class Dojo

Token Me

Augmentative Communication/Boards

Choice Board Maker

Verbal Me Free

SoundingBoard

Picture Card Maker PLUS
Talkingtiles
Grid Player
Sono Flex Lite
Gabby Tabs
GoTalk Now
Yes/No
Dynavox Compass
Niki Talk

Scan (to use with QR Code activities)

Dragon Dictation (voice to text app)

TextGrabber (text to speech)

Switch Accessible Apps
Inclusive Technology Ltd. apps
Cause and Effect Sensory Light Box
Rad Sounds
SoundingBoard
Scene & Heard
Choose it! Maker

Your Text will go here...

Other Apps

Toca Boca apps

The Opposites

Timmy's Kindergarten Adventure
Brain Quest

Myhomework

K-12 Timed Reading

K12 Periodic Table of The Exponents

Lexico Cognition

Socrative (class quiz app)