THE MATCH: GIFTED EDUCATION AND STATE/NATIONAL STANDARDS

IMPROVING STUDENT RESULTS

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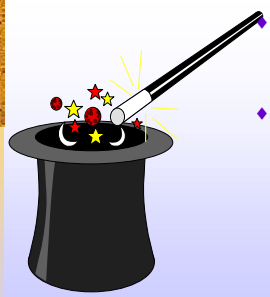
South Carolina, USA

How To Determine Gifted Curriculum and Instruction

- Definition of Gifted and Talented
- Identification Guidelines
- Assessment Instruments Used
- Identification Criteria
- Design of Appropriate Curriculum and Instruction
- Implementation of Appropriate Curriculum and Instruction
- Evaluation of Student Improvement

Standards = Curriculum = Standards



- The State or National Standards are the curriculum
- The challenge for teaching the gifted is to differentiating the curriculum (standards) to meet the needs of the gifted

IMPROVING STUDENTS RESULTS

MEASURED ACADEMIC ACHIEVEMENT

IMPROVING STUDENTS RESULTS

MEASURED THROUGH STANDARDS

GIFTED EDUCATION AND STATE/NATIONAL STANDARDS

- National Standards - Korolev, Russia
  - National Standards since 1920's
  - School Modeled after U.S. Governors' Schools began in 1996
- Special Education Model - Braxton County, West Virginia, USA
  - Follows IDEA and regulations
  - State Regulated since 1974
  - Funding Associated with Numbers Identified
- State Regulation Model - Horry County, South Carolina, USA
  - State Regulated since 1984
  - Funding Associated with Number Identified

How To Determine Gifted Curriculum and Instruction

- Definition of Gifted and Talented

Definition of Gifted

Russia	West Virginia	South Carolina
Determined at school level - high achievers	State Mandated Intellectually gifted	State Mandated Academically gifted in one or more disciplines or potential to be academically gifted

How To Determine Gifted Curriculum and Instruction

- Identification Guidelines

Identification Guidelines

Russia	West Virginia	South Carolina
Grades and Previous Class reports	3 dimensions Intelligence Achievement Performance	3 dimensions Aptitude Achievement Performance
	Intelligence can be the eliminator	No one area can eliminate

How To Determine Gifted Curriculum and Instruction

- Assessment Instruments Used

Assessment Instruments

Russia	West Virginia	South Carolina
❖ Local administered tests ❖ Methodic Offices	❖ Individual Intelligence Test (WISC, SB, Kaufmann) ❖ Individual Achievment Test (Woodcock Johnson) ❖ Grades	❖ Group Aptitude Test (TCS, OLSAT, Raven's) ❖ Group Achievement Test (TN, SAT-9, MAP) ❖ Performance (STAR, Grades)

INSTRUMENTS USED FOR MEASUREMENT OF ACHIEVEMENT

SOUTH CAROLINA - PACT =PALMETTO ACHIEVEMENT TEST

WEST VIRGINIA - STANFORD ACHIEVEMENT TEST

KORLEV, RUSSIA – National Test in Subject Areas, Psychological Tests of Achievement

How To Determine Gifted Curriculum and Instruction

- Identification Criteria

Identification Criteria

Russia	West Virginia	South Carolina
Grades reviewed and only accept a 5 Teacher Recommendation	2 SD above the mean and 130 SS in 1 or more of the core curriculum areas 3.5 GPA	96%ile on Total Aptitude or qualify in 2of the following 3 dimensions ❖ 90%ile on Aptitude ❖ 94%ile on Achievement ❖ 16 on STAR or 3.5 GPA

How To Determine Gifted Curriculum and Instruction

- Design of Appropriate Curriculum and Instruction

Differentiated Curriculum Design

Russia	West Virginia	South Carolina
Grouped in homogenous classes Different didactic materials Additional assignments	IEPs Individualized Education Plans based upon present levels of performance	E-PLPs Enhanced Personalized Learning Plans based upon testing that complement the standards

How To Determine Gifted Curriculum and Instruction

- Implementation of Appropriate Curriculum and Instruction

Differentiated Curriculum Implementation

Russia	West Virginia	South Carolina
School with Specialization in Math and Physics (deeper learning subjects)	Pull-out Inclusion (special education model and terms)	Pull-out Special Class

How To Determine Gifted Curriculum and Instruction

- Evaluation of Student Improvement

Evaluation

Russia	West Virginia	South Carolina
National tests Local tests Teacher report	IEP	E-PLP and PACT

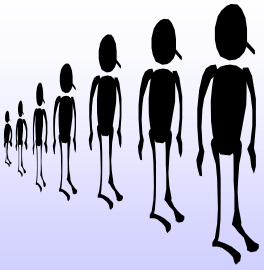
The South Carolina Process

- Brain Boosters Program for all 1st and 2nd graders
  - Level the playing field
  - Teaches skills needed for creative thinking
  - Teaches skills needed for classroom performance
  - Teaches skills needed for test-taking
  - Opportunity to reach those previously under-identified/under-served students

South Carolina Process

- Census Testing in 2nd and 5th grades
  - Referrals accepted at other grade levels
- Aptitude and Achievement Testing
- If qualified in 1 area, but not both, then look at Dimension C (performance)

South Carolina Process



- Eligibility possibilities
  - Aptitude Only
  - Aptitude and Performance
  - Aptitude and Math
  - Aptitude and Reading
  - Performance and Math
  - Performance and Reading
  - Aptitude and Math and Reading
  - Performance and Math and Reading

South Carolina Process

- Problem!!!
- The identification for gifted instruments do not measure and/or match the South Carolina Standards

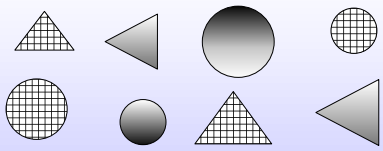
South Carolina Process

- Solution
- Re-test for curriculum and instruction
  - TFHS
- Secure another instrument for identification that matches State Standards
  - MAP

TESTS FOR HIGHER STANDARDS – 3rd grade Science

(IA2a)

1. Look at the shapes below. They have different shapes and patterns. Put them into four groups by shape and patterns. Put the number 1 on the shapes in your first group; use the number 2 for your second group; use 3 and 4 for your third and fourth group. [2]



Tests for Higher Standards - Math Level 6

I.A.
1. This picture represents which of the following?

a) 0.003
b) 0.03
c) 0.3
d) 3.0

I.C.
8. What is the ratio of the number of centimeters in a meter to the number of millimeters in a meter?

a) 1 : 12
b) 100 : 1
c) 1 : 100
d) 1 : 10

TESTS FOR HIGHER STANDARDS

Recording each child and the class

Grade Level Standard Tests in Mathematics --- Classroom Matrix

Grade 4, School _____, Teacher _____, Date Completed _____

	Number and Numeration	Concepts and Operation	Patterns and Relationships	Geometry	Measurement	Probability and Statistics	Total
Grade Level Strand							# Off
Starting Item #	1	8	15	21	31	40	46 Tot
Student Names							
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							

Pre Testing on Standards Based Assessment

- Begin at Grade Level
- Continue testing until child misses ten or more at grade level
- Determine Present Levels of Performance
  - Point at first incorrect answer
  - Point at termination
  - Range of beginning instruction

Enhanced Personalized Learning Plan

- Write E-PLP based upon assessment data and present levels of performance
- Meet with parents and discuss written plan
- Implement plan through gifted education services

E-PLP

- Use mini-tests to determine progress
- Post test on grade level approximately 1 month before actual State Standards testing
- Post test above grade level after SS testing

- Points to Ponder
- Gifted education is designed to teach toward the child's giftedness
- Implementation of gifted services matches definition and identification criteria

Pull-out Model

- HORIZON PHASE II
- Teach toward giftedness
  - Math Only
  - Reading Only
  - Math and Reading
  - Metacognitive Skills

Pull-out Model

- Pull-out Model
- Limited Time
- Enrichment Only
- Does Not Change Regular Classroom Instruction
- Does Not Require Differentiation in Regular Classroom
- Expensive
- Difficult To Evaluate and Measure Progress Within Standards – Accountability

Special Class Model

- Students receive gifted services according to their giftedness
  - Math Only
  - Reading Only
  - Math and Reading
  - Metacognitive Skills Instruction

Special Class Model

- In gifted every day for that subject(s)
- Receive grade from teacher of gifted
- Teacher of gifted is endorsed
- Limited class size
- Differentiated Curriculum

Websites That May Help

www.hcs.k12.sc.us > Curriculum and Instruction > Gifted and Talented (use "talent" as password to view power points)

www.myscschools.com >Office of curriculum and standards > Gifted and Talented

http://www.stthomas.edu/education/candi/rogers.html

http://www.gifted.uconn.edu/

http://cfge.wm.edu/

If I Can Answer Further Questions

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