



Gifted Education Programs Procedure Manual

Missouri Department of Elementary and Secondary Education
P.O. Box 480 Jefferson City, Missouri 65102

2006

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GIFTED EDUCATION PROGRAMS

Procedure Manual

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INTRODUCTION

State Law

By law and tradition, Missouri school districts are expected to provide programs of instruction suitable for the full range of student ability, from handicapped and disadvantaged learners through those who are academically advanced. In 1973, the General Assembly recognized that there are a limited number of academically advanced students whose mental capacity and learning potential are so advanced that they need services beyond the level of those ordinarily provided. As a result, in 1973, the General Assembly authorized the state program for gifted students. In so doing, the General Assembly did not intend to diminish in any way the regular program of instruction or to supplant existing programs for the academically advanced (superior) students. The intent was clearly to support special efforts to increase the educational opportunities available for students who are identified as gifted.

The state special education law (H.B. 474) enacted in 1973, authorized the State Board of Education to establish standards for special programs for gifted students. The following sections of state law pertain to gifted education programs:

Section 162.675, RSMo, defines gifted children as "those children who exhibit precocious development of mental capacity and learning potential as determined by competent professional evaluation to the extent that continued educational growth and stimulation could best be served by an academic environment beyond that offered through a standard grade level curriculum."

Section 162.720, RSMo, states that school districts may establish programs for gifted children "where a sufficient number of children are determined to be gifted and their development requires programs or services beyond the level of those ordinarily provided in regular public school programs . . ." and states that the State Board of Education "shall determine standards for such programs. Approval of such programs shall be made by the State Department of Education based upon project applications submitted each year."

In 2012 SENATE Bill 599 was passed:

Starting with the 2012-2013 School year this legislation requires districts to report: "whether the school district currently has a state-approved gifted education program, and the percentage and number of students who are currently being served in the district's state-approved gifted education program" on their annual report card.

In 2013 Senate Bill 17 was passed:

This act creates the Advisory Council on the Education of Gifted and Talented Children. The Council will have seven members appointed by the Commissioner of Education. Members will serve for a term of four years, with the initial appointments of shorter lengths to stagger the council's membership. Members must be Missouri residents and selected based on their knowledge and experience with the education of gifted and talented children.

The Commissioner must seek the advice of the council regarding all rules and policies to be adopted by the State Board of Education relating to the education of gifted and talented children. The State Board must appoint a staff member to be a liaison to the council and must also provide necessary clerical support and assistance to the council.

Scope of Program

In accordance with the definition of giftedness which is set forth in the law, the programs for the gifted will be in the general academic areas and/or in the fine arts. It should be recognized that gifted students are capable of outstanding performance in one or more academic areas and may also display outstanding ability in one or more of the fine arts. It is further recognized that outstanding intellectual, creative thinking and reasoning abilities contribute singly and in various combinations to such performance. Consequently, school districts will need to assess a variety of student abilities and to design appropriate program services that will challenge and develop these abilities.

It is important to note that differentiated educational programs for gifted students are not designed for the typical superior student who is frequently an excellent scholar, can earn "A" grades, and achieve academic honors. The educational needs of these students should be met by existing school programs.

Gifted programs are reserved for the students who are as far from the superior student in potential as the superior is from the average student. The task is to identify these students and to provide educational opportunities that will challenge and develop their abilities.

GUIDELINES FOR GIFTED PROGRAMS

Districts should provide **gifted students with an educational environment beyond that offered in the regular classroom setting for superior students and which is designed to meet the identified needs of gifted students.** The educational needs of gifted students which are not met by the regular grade level program for superior students will require (1) a differentiated instructional program which accommodates higher cognitive processes and concepts, (2) teaching methods appropriate for their advanced abilities and individual styles of learning, and (3) flexible administrative arrangements needed to implement the program.

Teachers implementing the gifted program curriculum must hold appropriate certification for the gifted services they are providing.

All teacher positions in gifted education are designed to serve those students identified through the approved selection process as needing an academic environment beyond that offered by the standard grade level curriculum available to superior students. The following guidelines apply:

Instructional personnel must:

1. Serve in an instructional position described in [Appendix C](#) and provide instructional services to gifted students selected for the program according to criteria approved by the **Department of Elementary and Secondary Education**; and
2. Hold a valid Missouri teaching certificate for the area of gifted services they are providing.

Types of services provided to Identified Gifted Students

Services provided to gifted students will vary depending upon the age and grade level of the students, the size of the school district, school schedules, and community preferences. **Gifted programs must provide a minimum of one hundred and fifty (150) minutes per week of direct instructional time in which the identified gifted students work exclusively with the teacher of gifted.**

Class or group sizes within the gifted program should not exceed **fifteen (15)** nor be less than **five (5)**, with an average of **ten (10)** students per class.

Suggested maximum caseloads for full-time teachers of the gifted are as follows:

Resource Room Teacher (**RRT**) -- 75 students

Special Class Teacher (**SCT**) -- 90 students

Gifted Resource Teacher (**GRT**) -- 90 students

Programs for Exceptionally Gifted Students (**PGS**) – To be established in agreement with the Department.

Caseloads this high are not recommended; they represent the extreme upper limit.

At the elementary level, the most common service model is a pull-out program in which students leave the regular classroom and spend time in a resource room. The pull-out program is one in which the teacher of gifted spends 100% of his/her time in the resource classroom ([RRT](#) model)

NOTE: For Kindergarten students ONLY, districts are allowed to use the first semester for identification with placement in direct instructional program starting second semester.

Middle school/junior high and high school programs may be pull-out programs ([RRT](#)) but often consist of a special class that is part of a student's daily schedule ([SCT](#) model.) Special classes are often interdisciplinary in nature, but may focus on a specific subject area.

Advanced Placement and International Baccalaureate classes are considered a gifted service.

At grades 9 through 12, gifted students may participate in a special class or pull-out, but these options often create conflicts with other classes that students want to take. The Gifted Resource Teacher ([GRT](#)) model avoids many of these conflicts. In the [GRT](#) model, the teacher of gifted works with students and teachers in a resource capacity on a highly flexible schedule.

In some instances, a district may identify a few exceptionally gifted students who need full-time specialized instruction to meet their needs. The [PEGS](#) (Program for Exceptionally Gifted Students) model is an option for those students. Further explanation of service models and teacher position descriptions can be found in [Appendix C](#) of this manual.

A school district may serve different groups of students in various ways, with varying amounts of contact time. (See [Appendix C](#) in this Manual for descriptions of teacher positions and delivery systems.)

Guidelines for Student Selection (Screening and Evaluation Instruments and Procedures)

The student selection process must consist of at least the following two **(2)** stages:

- (A) screening and
- (B) individual evaluation and placement.

See [Appendix B](#) for a flow chart on the student selection process. Evaluation and placement of students should be completed prior to the beginning date of instructional services.

Schools must develop a system to identify children in need of the gifted education services that the district provides. Screening criteria should be as inclusive as possible. Identification criteria and test instruments should be chosen that will maximize the students' strength and limit the effects of any possible biases (LEP, culturally diverse background, poverty, etc.). Districts should consider their

demographics when creating a menu of comparable test instruments that will be acceptable for screening and placement.

A. Screening

All available data on the total school population should be considered during the screening stage. Any information contained in permanent records should be used, including nationally-normed achievement test scores, group intelligence test scores, **Missouri Assessment Program (MAP)** scores, and previous grades, anecdotal records demonstrating creative problem-solving and general creativity, and recommendations from teachers, parents, peers, and other personnel. Districts should also consider what methods will be effective in selecting hard-to-identify and traditionally underrepresented students. Districts should establish their own criteria so as to allow for approximately 10 to 20% of the population to be considered for further evaluation.

B. Individual Evaluation and Placement

Following screening and referral, the school may determine criteria which would be appropriate for the academic or fine arts service(s) provided, the grade levels to be served, and the background and needs of students in the district. **The district MUST use at least three of these four areas to place a child in gifted services.** It is expected that the use of tests and scales may differ within districts as well as between districts. For example, different procedures or instruments may be used with students of different ages or for parts of the program with specific curriculum focus, such as a Fine Arts, Math or Science focus. Alternate selection criteria and methods that have prior Department approval may also be used for special populations or students with special needs (i.e., LEP or LD).

1. General Mental Ability

Full-scale or GAI scores on an individual intelligence test at or above the 95th percentile: Although they are more time-consuming, individually administered intelligence tests provide more accurate indicators for final placement purposes than do group tests. The district may use various IQ tests, administered according to their appropriateness in reference to program areas and student needs. On Core Data screen 25 enter the minimum percentage required on the test given by the district.

2. Academic Ability

If achievement test scores are used for formal evaluation and placement, they must be derived from a norm-referenced test and the cut-off score must be set at the 95th percentile or higher. MAP content area test scores may be used for placement in a subject specific class. For interdisciplinary programs, tests must be used that sample a majority of the core subject areas of Math, Science, Social Studies and Communication Arts.

On Core Data screen 25, enter the minimum percentage required on the test given by the district. While composite scores shall be used for multi-disciplinary academic programs, it may be appropriate to use subtest scores **if an academic program is focused on a specific subject area.** The scores must be in the subject area(s) or in the subtest area(s) most related to the design of the gifted program.

3. Creativity, Reasoning, and Problem-solving Ability

Results of valid tests or other assessments indicating outstanding ability in one of the following areas: (1) creative and productive thinking, (2) advanced insight, (3) outstanding imagination, (4) innovative or creative reasoning ability, (5) advanced perception of cause and effect relationships, (6) problem solving, or (7) abstract concepts. These areas of ability must be related to the design of the gifted program. Minimum criteria for identification must be established by the district and entered on Core Data screen 25.

4. Other

Documented evidence of exceptional performance in a general academic area, a fine arts area, or another area related to the design of the gifted program: Such evidence may take the form of portfolios of student work, formal classroom observations by persons knowledgeable about characteristics of gifted students, auditions, product demonstrations, etc. Districts must establish minimum criteria for placement and enter it on Core Data screen 25.

Limitations of a single test of cognitive ability should be recognized. "If the identification criteria for a program for the gifted is based primarily on a single test, the population of gifted students identified will vary greatly depending upon which test is used." (Wood and Carri, 1991) No single test or method of identification will identify all children's abilities.

Identification procedures typically include individual intelligence test scores, norm-referenced achievement test scores, previously demonstrated accomplishments, teacher observation and nomination, and scores on tests of creativity.

Alternate Identification Plans

The task of identifying gifted children is a complex one, especially the task of finding children who are gifted and also have other exceptionalities. Passow and Frazier identified the following groups as being under-identified and under-served, and in need of alternate assessment strategies.

1. Children who are characterized by racial/ethnic cultural group membership (e.g., African Americans, Hispanics, and Native Americans);
2. Children with language differences or limitations (e.g., mother tongue other than English or limited English speaking);
3. Children from families of low socioeconomic status (e.g., qualifying for free or reduced price meals); and
4. Children of varied geographic locations (rural or inner city areas, barrios, or reservations).

Passow and Frasier indicate the need for "new models or paradigms" that "respond to these [issues] by focusing on gifted behaviors in a cultural context, designing dynamic approaches to assessing gifted behaviors within the students' socio-cultural context, and integrating identification processes with learning opportunities." (Passow and Frasier, 1996)

Other children who may need to be identified by alternate means include children with learning disabilities, visual or hearing impairments, physical challenges, or behavioral difficulties. The various, and possibly negative, manifestations of giftedness can make it difficult to recognize a child's high abilities in a regular academic setting, causing some gifted children to remain unidentified and unserved.

A school district may propose an alternative student selection plan when the proposed alternative will provide **improved** individual evaluation and selection of students in need of the services provided. The proposal must clearly set forth in writing the process of screening and individual evaluation of students. The plan must include: **(a) established criteria for selection, (b) objective measures, and (c) competent professional evaluation.** The plan must clearly state the criteria that a student must meet in order to be eligible for the state-approved gifted program. Examples of alternate selection include: using alternate tests, such as non-verbal IQ or achievement tests for children with language differences or alternate types of tests for fine arts programs or subject-specific classes.

Other adaptations may also be appropriate. The examples listed above do not include all possibilities. **Districts must consult with Department gifted education section personnel regarding appropriate alternative identification procedures and secure their approval before implementing any alternative selection criteria.**

Transfer Student Policy

Students who transfer to a school with a gifted program shall be placed in the receiving district's program if **all** of the following conditions are met:

1. The student meets or exceeds the selection criteria established by the receiving school for placement in its gifted program.
2. The areas addressed by the two programs must be similar: i.e., both are general academic programs; both are fine arts programs; or both are specific academic programs.
3. The student and parents agree to such placement.

Non Public School Student Participation

Any student may be enrolled in and attend a public, private, parochial or home school or a combination of schools during the school day. No artificial barriers can be placed in the way of the non public school student's participation in the program. The student **MUST** reside in the district where they wish to attend the gifted program. The student **MUST** meet or exceed the placement criteria of the public school district. The student or their parent/guardians are responsible for transportation to and from the non public school to the gifted program. If testing is required for placement, the public school policies, procedures and timelines should be utilized as they would be for any transfer student to the district. The non public school student should be coded as a part time student and the public school district receives ADA funding proportional to the time the student is participating in the program.

GENERAL ADMINISTRATIVE PROCEDURES FOR STATE-APPROVED GIFTED PROGRAMS

District Procedures

1. Gifted program information is **to be submitted electronically** to the Department's MOSIS/Core Data Section in the October cycle.
2. District must employ instructional personnel who have a valid Missouri teaching certificate for the area of gifted service they are providing. For specific questions regarding certification, call the Educator Certification Section at (573) 751-0051.
3. Instructional staff positions and assignments must be documented by names of staff members and course assignments reported to the Department in the MOSIS/Core Data Collection System. Program code "08" is to be used in reporting gifted positions and assignments.
4. The results of an annual **evaluation report shall be completed on or before June 30** of the program year and shall be maintained on file in the local school district. The evaluation procedures should be designed to determine the extent to which students have met the program objectives. The report should include a description of the evaluation procedures, a list of the people involved in the evaluation process, and an explanation of how their input is used to revise the program.

Department Procedures

The Department will make the Gifted Education Programs Procedure Manual available to all local school districts. The Procedure Manual is available on the Department Gifted webpage. <http://dese.mo.gov/quality-schools/gifted-education>

1. The director of Gifted Education Programs is available for consultation with district personnel by telephone (573) 751-7754 or [e-mail](#), or by appointment.
2. The Department shall review and will approve or disapprove selection criteria submitted.
3. Core Data will be used to verify proper certification of all teachers coded 08.
4. MOSIS/Core Data will be used to verify districts are serving a minimum of 80% of the baseline (05-06) number of gifted students in state approved gifted services.

**MISSOURI DEPARTMENT OF ELEMENTARY AND SECONDARY
EDUCATION
CERTIFICATION REQUIREMENTS
CERTIFICATION STANDARDS FOR GIFTED EDUCATION
(GRADES K-12)**

I. GENERAL REQUIREMENTS:

- A. A valid Missouri permanent or professional certificate of license;
- B. Two (2) years of classroom teaching experience; and
- C. Psychology and/or Education of the Exceptional Child (including the Gifted);* and

II. PROFESSIONAL REQUIREMENTS

(Minimum requirement of fifteen (15) semester hours):

- A. A minimum of nine (9) semester hours selected from five (5) basic fields of knowledge:
 - 1. A Survey of Gifted and Talented Education;
 - 2. Programming Planning and Development: An Understanding of Administration and Supervision of Gifted Programs;
 - 3. Screening, Assessing, and Evaluating Gifted Students;
 - 4. Curriculum and Instruction for the Gifted; and
 - 5. Meeting the Affective Needs of Gifted Students;
- B. A minimum of one (1) graduate course in research procedures; and
- C. A three (3) semester hour practicum beyond the courses required for elementary and secondary certification, involving college or university supervised instruction of gifted students.

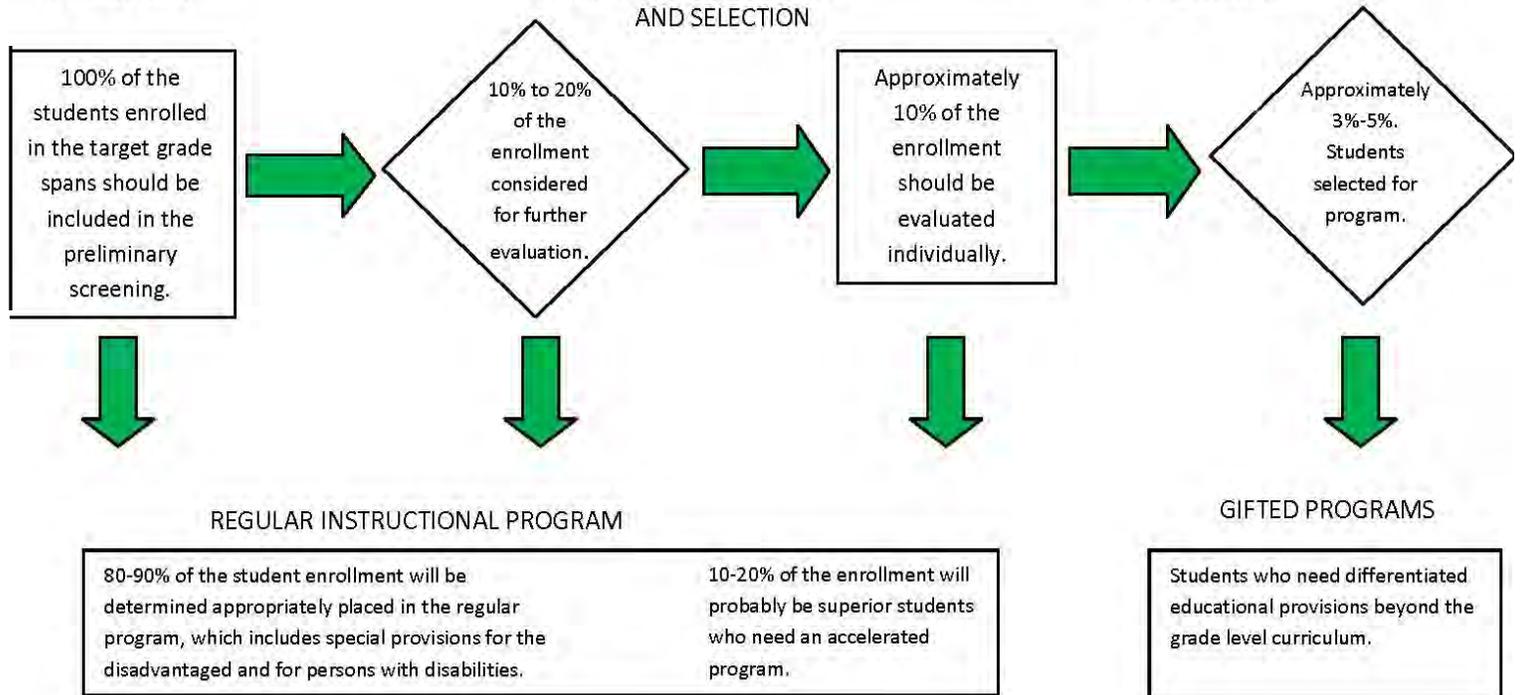
Instructional personnel in the staff positions coded 08 must hold a valid Missouri teaching certificate. Coursework must be completed at a college or university with an approved program. For questions regarding certification of teachers, please contact the Educator Certification Section of the Department of Elementary and Secondary Education at (573) 751-0051, or e-mail at certification@dese.mo.gov .

**Denotes minimum requirement of two (2) semester hours.*

I. SCREENING

II. INDIVIDUAL EVALUATION
AND SELECTION

III. PLACEMENT



Student Identification Process -- Text Only Version

Screening:

1. 100% of students enrolled in targeted grade levels should be included in the initial screening.
2. 10-20% of total are considered for further evaluation.
3. 80 to 90% of the student enrollment will be determined appropriately place in the regular program, which includes special provisions for the disadvantaged and for persons with disabilities. 10 to 20% of the enrollment will probably be superior students who need an accelerated program.

Individual Evaluation and Selection:

1. Approximately 10% of the enrollment should be evaluated individually.

Placement:

1. Those students whose evaluations indicate a need for gifted services are placed in the appropriate **Appendix B -- Student Identification Process -- Text Only**

Appendix C

Teacher Position Codes and Descriptions

--**Resource Room Teacher (RRT)** - 100% of this teacher's time is spent providing direct instruction designed to meet the academic and affective needs of identified gifted students who are "pulled out" of the regular classroom for one or more sessions per week. Each gifted assignment must have the gifted program code 08 assigned to it.

--**Special Class Teacher (SCT)** - 100% of this teacher's time is spent providing direct instruction designed to meet the academic and affective needs of identified gifted students who are assigned to a class on a daily basis for one or more periods/blocks a day. Each gifted assignment must have the gifted program code 08 assigned to it.

--**Gifted Resource Teacher (GRT)** - **This position is for grades 9-12 only.** This teacher provides services that are designed to meet the academic and affective needs of identified gifted students for grades 9-12. School districts will be allowed a **minimum of 150 minutes** of teacher's instructional time spent **exclusively with identified gifted grades 9-12 students** in one or more of the following approved activities:

- direct instruction of individuals or small groups of identified gifted students
- services targeting the social/emotional needs of identified gifted students
- establishing job shadowing and mentoring opportunities, selection/planning/scheduling of college entrance exam(s)
- researching/planning/scheduling educational options such as dual credit courses, distance learning, correspondence courses, and schedule planning
- assisting with post-secondary school research/selection, admissions procedures, and completing scholarship applications
- monitoring identified students' progress in any of the above activities
- working with regular classroom teachers and modifying regular classroom curriculum to meet the needs of identified gifted students

It is expected that providing service to identified gifted high school students will not reduce the amount of service provided to identified gifted students at other grade levels. Each gifted assignment must have the gifted program code 08 assigned to it.

--**PEGS - Programs for Exceptionally Gifted Students (PGS)** – Use the PGS code for teachers who work in PEGS programs providing services to highly gifted students five days a week all day requires gifted certification. Each gifted assignment must have the gifted program code 08 assigned to it.

--**Advanced Placement/International Baccalaureate Class Teacher (AP/IB)** 100% of this teacher's time is spent providing direct instruction designed to meet the academic and affective needs of identified gifted students who are assigned to a class on a daily basis for one or more periods/blocks a day. Each gifted assignment must have the gifted program code 08 assigned to it.

Appendix D

DEFINITIONS OF TERMS

(as used in this manual)

Academic areas -- language arts, sciences, mathematics, social studies, or any combination of these areas

AP—Advanced Placement courses approved by the College Board’s Course Audit Process.

Affective areas – unique social and emotional needs of gifted students

[Department] DESE -- Missouri Department of Elementary and Secondary Education

Differentiated Instruction -- a planned curriculum which emphasizes high level cognitive and affective processes, instructional strategies which respond to the individual learning styles and abilities of gifted students; and an appropriate delivery system for these services

Direct instruction – certified teacher of the gifted directing or facilitating a group of identified gifted students in appropriately differentiated activities

Fine arts areas – music, visual and performing arts

Gifted Resource Teacher (GRT) – a teacher who provides approvable services to identified gifted students in grades 9-12

Gifted students -- those children who exhibit precocious development of mental capacity and learning potential as determined by competent professional evaluation to the extent that their continued educational growth and stimulation could best be served by an academic environment beyond that offered in regular public school programs

Individualized Instruction -- a program designed to accommodate the educational needs, interests, and learning styles of each student served

Interdisciplinary Instruction – courses of study that include several academic areas (science, mathematics, communication arts, social studies) in a related whole

Instructional Personnel – professionals holding appropriate certification who provide instructional services to gifted students

IB—International Baccalaureate courses approved by International Baccalaureate Organization

PEGS Program (PEGS) – Program for Exceptionally Gifted Students – usually a full-time program of instruction for students whose academic abilities are so far beyond the “typical” gifted student that their needs cannot be met within a regular gifted program setting. The teacher code for PEGS programs is PGS.

Resource Room Teacher (RRT) -- a teacher who provides only direct instruction to groups of gifted students who are "pulled out" of the regular classroom for one or more sessions per week

Screening and Placement process -- a systematic set of steps including screening and referral, individual testing and evaluation, and a determination of students who need special educational services beyond those provided for superior students

Special Class Teacher (SCT) -- a teacher who provides only direct instruction to classes of gifted students who are assigned to that class on a daily basis for one or more periods a day

**REPORTING GUIDELINES
FOR STATE APPROVED GIFTED PROGRAMS**

All educators participating in Gifted Programs should be reported in MOSIS/Core Data.

Course No.

The course code for Gifted Education class is 990808. Other subject-area course codes may be identified as Gifted Programs by entering Program Code “08.”

Program Code

Enter Program Code “08” to identify course assignments in State Approved Gifted Programs.

Enrollment

Under enrollment or caseload for pull out sections enter the unduplicated count for each gifted class reported for an educator.

MOSIS Student information File Codes

GS – Identified gifted and served in current district

GN – Identified gifted in any Missouri district but not served in current district

NI – Not Identified

ITEM DEFINITIONS – GIFTED EDUCATION (Screen 25)

Help – Click button to display information about items on the screen. This information is the same as in the Core Data Manual.

District: – County-district code and name of school district. (Display only, based on logon User ID.)

Year: – School year for which data are collected. (Select from dropdown list.)

Cycle: – Cycle in which data are collected. (Select from dropdown list.)

Status: – Current status of district’s data for cycle selected. (Display only.)

Student Selection Criteria – For each type of gifted class used by the district, enter the percentile used to select students for gifted education program participation in the appropriate evaluation instrument column. If selection criteria other than IQ, Achievement and Creativity assessments are used, check the box in the Other column. If an Alternative Selection System is used, check the box in the Alternative Selection System column. If any box is checked, use the narrative box below the chart to provide an explanation and additional information.

Instructional Delivery Systems:

RRT - Resource Room Teacher – instructs students “pulled out” of the regular classroom.

SCT – Special Class Teacher – instructs students who are assigned to a class on a daily basis.

GRT – Gifted Resource Teacher – provides services to meet needs of gifted students. Used only in grades 9-12.

PEGS – Programs for Exceptionally Gifted Students.

AP/IB – Advanced Placement or International Baccalaureate classes.

Comments – Free-form commentary.

Save – Click button to save all data on screen.

Edits – Click button to display list of potential data errors related to data displayed.