INSTRUCTIONAL STRATEGIES AND SERVICE DELIVERY OPTIONS FOR IMPLEMENTATION OF GIFTED STUDENT SERVICE PLAN

AREA OF IDENTIFICATION: *GENERAL INTELLECTUAL ABILITY*

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Intellectual:	Opportunity for advanced level critical reasoning.	Special projects pursued in depth Compacting Different – Not just more of the same Research Independent Study Extensive reading on a subject Real life connections Interdisciplinary study Grouping for interest, needs, abilities	Various Acceleration options Advanced Placement Cluster grouping Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance learning Honors Classes Research/ Independent Study Enrichment
	Regular scholarly interaction with others of like ability.	Compacting Different – Not just more of the same Independent Study Problem-Based learning	Differentiated study experiences Enrichment
	Pursuit of advanced level research and encounters with solving real problems.	Problem Based activities Research Independent Study	Differentiated study experiences Cluster Groups Enrichment
Academic:	Continuous progress at advanced level and pace of instruction in content area(s). (Usually at least one grade level beyond) Use of technology and research design at a level of sophistication matched to ability/need.	Compacting Pre &Post testing Different – Not just more of the same Opportunities to display and use strengths Research Independent study in area of interest Grouping for interest, needs, abilities	Acceleration Advanced Placement Cluster grouping Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance learning Honors Classes Research/ Independent Study
	Advanced level of vocabulary development.	Pre & post testing Different – Not just more of the same	
Creative:	Training in application of sophisticated creative thinking/problem solving strategies and opportunities to apply to areas of interest. May need special emphasis on flexibility and use of multiple perspectives such as required in debating or creative problem solving application.	Opportunities to use and display strengths Real life connections Participation in contests Opportunities to use Creative Thinking Skills Grouping for interest, needs, abilities	Seminars Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Enrichment
Leadership:	Training in effective leadership techniques related to possible societal role(s).	Special project pursued in depth Opportunities to display and use strengths Problem based activities Real life connections	Seminars Mentorships Differentiated study experiences Cluster groups Independent study Travel study Enrichment during the school day
	Responsible use of influence and decision-making.	Special project pursued in depth Opportunities to display and use strengths Problem based activities	Seminars Mentorships Differentiated study

		Real life connections	experiences Cluster groups Independent study Travel study Enrichment during the school day
	Organizing for action and effecting change in contexts related to interest area(s) and possible career(s).		
Social/Emotional And Counseling:	Regular interaction with other intellectually gifted students to provide support systems.	Opportunities to display and use strengths Problem based activities Real life connections	Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Advanced Placement Honors Classes Cluster groups Seminars Mentorships Special counseling services
	Setting realistic goals and standards for self and others. Special counseling needs for perfectionism, underachievement, stress management, etc.		
	Opportunities for competition: experience in dealing with failure.	Opportunities to display and use strengths Problem based activities Real life connections Goal setting Communication skills training Opportunities for career exploration	Seminars Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships
	Dealing with the dilemma of acceptance vs. high achievement, understanding anti-intellectualism, coping strategies.		
	Academic planning and counseling tailored to high ability students.		

AREA OF IDENTIFICATION: SPECIFIC ACADEMIC APTITUDE – LANGUAGE ARTS

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Academic:	Continuous progress at advanced level and pace of instruction in Reading/Language Arts: Literature and vocabulary development approximately 1 – 2 years beyond grade level. Use of technology and research design at a level of sophistication matched to ability/need.	Pre-Post testing Special project pursued in depth Compacting Different – Not just more of the same Research Extensive reading on subject Real life connections Interdisciplinary study Grouping for interest, needs, abilities Placement by examination Use of technology for study and products i.e. Odyssey	Acceleration Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance Learning Honors Classes Independent Study Travel study Dual enrollment KVHS
Creative:	Opportunity to explore and apply advanced creative thinking and problem solving strategies in literature and language arts.	Problem based activities Real life connections Opportunities to use strengths Opportunities to use creative thinking skills Opportunities to participate in contests	Cluster groups Differentiated study experiences Mentorships Research Seminars
Leadership:	Training in effective leadership techniques – especially as related to language arts and career goals.	Special projects pursued in depth Opportunities to display and use strengths Real life connections	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars Independent Study
	Exploration of possible leadership roles and effective leadership styles.	Research Independent Study Extensive reading on a subject	
	Effective change in connections related to interest areas.	Real life connections	
	Responsible use of influence.		
Social/Emotional and Counseling:	Opportunities for competition: experience dealing with success and/or failure.	Opportunities to display and use strengths Problem based activities Real life connections Bibliotherapy Mediation teams Goal setting Job shadowing	Advanced Placement Cluster groups Collaborative teaching Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Dealing with the dilemma of acceptance vs. high achievement, understanding anti-intellectualism, coping strategies.		
	Academic planning and counseling tailored to high ability students. Opportunities for career exploration in language arts related fields Contact/mentorship with a professional in the language arts field.		

AREA OF IDENTIFICATION: SPECIFIC ACADEMIC APTITUDE – *MATH*

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Academic:	Continuous progress at advanced level and pace of instruction in Math: usually includes advanced level research, Use of technology and research design at a level of sophistication matched to ability/need.	Pre-testing Special project pursued in depth Compacting Different – Not just more of the same Research Independent study Extensive reading on subject Real life connections Interdisciplinary study Grouping for interest, needs, abilities Testing out/credit by examination Use of technology for study and products	Acceleration Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance Learning (KVHS) Dual enrollment Honors Classes Independent Study Mentorship Travel study
Creative:	Opportunity to explore and apply advanced creative thinking and problem solving strategies in math.	Problem based activities Real life connections Opportunities to use strengths Opportunities to use creative thinking skills Opportunities to participate in contests	Cluster groups Differentiated study experiences Mentorships Research Seminars
Leadership:	Training in effective leadership techniques – especially as related to math and career goals.	Special projects pursued in depth Opportunities to display and use strengths Real life connections	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars
	Exploration of possible leadership roles in math related fields.	Research In-depth study of a topic	
	Effective change in connections related to interest areas.	Real life connections Goal setting	
	Responsible use of influence.		
Social/Emotional and Counseling:	Opportunities for competition: experience dealing with success and/or failure.	Opportunities to display and use strengths Problem based activities Real life connections Goal setting Job shadowing	Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Dealing with the dilemma of acceptance vs. high achievement, understanding anti-intellectualism, coping strategies.		
	Academic planning and counseling tailored to high ability students. Opportunities for career exploration in math related fields Contact/mentorship with a professional in the field.		

AREA OF IDENTIFICATION: SPECIFIC ACADEMIC APTITUDE – *SCIENCE*

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Academic:	Continuous progress at advanced level and pace of instruction in Science: usually includes advanced level research, contact/mentorship with a scientist, Use of technology and research design at a level of sophistication matched to ability/need.	Pre-testing Special project pursued in depth Compacting Different – Not just more of the same Research Independent study Extensive reading on subject Real life connections Interdisciplinary study Grouping for interest, needs, abilities Testing out/credit by examination Opportunities to participate in special projects i.e. NEED Use of technology for study and products	Acceleration Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance Learning (KVHS) Dual enrollment Honors Classes Independent Study Travel study
Creative:	Opportunity to explore and apply advanced creative thinking and problem solving strategies in science.	Problem based activities Real life connections Opportunities to use strengths Opportunities to use creative thinking skills Opportunities to participate in contests	Cluster groups Differentiated study experiences Mentorships Research Seminars
Leadership:	Training in effective leadership techniques, especially as related to science and career goals	Special projects pursued in depth Opportunities to display and use strengths Real life connections	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars
	Exploration of possible leadership roles in science related fields.	Research Extensive reading on a subject	
	Effective change in contexts related to interest areas.	Real life connections	
	Responsible use of influence.		
Social/Emotional and Counseling:	Opportunities for competition: experience dealing with failure.	Opportunities to display and use strengths Problem based activities Real life connections Goal setting	Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Dealing with the dilemma of acceptance vs. high achievement, understanding anti-intellectualism, coping strategies.		
	Academic planning and counseling tailored to high ability students. Opportunities for career exploration in language arts related fields Contact/mentorship with a professional in a science related field.	Opportunities to display and use strengths Problem based activities Real life connections Job shadowing	

AREA OF IDENTIFICATION: SPECIFIC ACADEMIC APTITUDE – *SOCIAL STUDIES*

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Academic:	Continuous progress at advanced level and pace of instruction in Social Studies: depth and complexity matched to interests and abilities. Use of technology and research design at a level of sophistication matched to ability/need.	Pre-testing Special project pursued in depth Compacting Different – Not just more of the same Research Independent Study Extensive reading on subject Real life connections Interdisciplinary study Grouping for interest, needs, abilities Testing out/credit by examination Use of technology for study and products	Acceleration Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Distance Learning (KVHS) Dual enrollment Honors Classes Independent Study Dual Enrollment Travel study
Creative:	Opportunity to explore and apply advanced creative thinking and problem solving strategies to social issues.	Problem based activities Real life connections Opportunities to use strengths Opportunities to use creative thinking skills Opportunities to participate in contests	Cluster groups Differentiated study experiences Mentorships Research Seminars
Leadership:	Training in effective leadership techniques especially as related to social sciences career goals.	Special projects pursued in depth Opportunities to display and use strengths Real life connections	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars
	Exploration of possible leadership roles in social studies related fields.	Research Independent Study Extensive reading on a subject	
	Effective change in connections related to interest areas.	Real life connections Goal setting	
	Responsible use of influence.		
Social/Emotional and Counseling:	Opportunities for competition: experience dealing with success and/or failure.	Opportunities to display and use strengths Problem based activities Real life connections Goal setting	Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Dealing with the dilemma of acceptance vs. high achievement, understanding anti-intellectualism, coping strategies.		
	Academic planning and counseling tailored to high ability students. Opportunities for career exploration in language arts related fields		

AREA OF IDENTIFICATION: **CREATIVE OR DIVERGENT THINKING**

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Creative:	Instruction in multiple and advanced strategies to further develop creative production. Use of technology and research design at a level of sophistication matched to ability/need.	Problem based activities Real life connections Special project pursued in depth Research Independent Study Interdisciplinary study Opportunities to use strengths Opportunities to use creative thinking skills Opportunities to participate in contests Use of technology for study and products	Acceleration Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Enrichment during the school day Mentorships Research Seminars Travel study
Leadership:	Training in effective leadership techniques related to possible societal role(s).	Special projects pursued in depth Opportunities to display and use strengths Real life connections Independent Study	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars
	Moral and ethical responsibilities related to influence/impact on society of their creative products.	Real life connections Problem based activities Special projects pursued in depth Research Extensive reading	
Social/Emotional and Counseling:	Interaction with others of similar creative ability	Opportunities to display and use strengths Problem based activities Real life connections Goal setting Job shadowing	Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Opportunities for competition: experience dealing with success and/or failure. Opportunities for career exploration in creative thinking related fields Contact/mentorship with a professional in a science related field.		

AREA OF IDENTIFICATION: LEADERSHIP

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Leadership:	Opportunities to assess and further develop leadership abilities, styles and interests. Opportunities for career exploration in language arts related fields Contact/mentorship with a professional in a science related field.	Real life connections Special project pursued in depth Compacting Interdisciplinary study Research Independent Study Extensive reading on subject Communications skills training Job shadowing	Acceleration Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Honors classes Mentorships Travel study
	Instruction in organizing for action. Use of technology and research design at a level of sophistication matched to ability/need.	Problem based activities Special projects pursued in depth Opportunities to use strengths Real life connections Opportunities to participate in contests Opportunities to understand and work on weaknesses Use of technology for study and products	Cluster groups Differentiated study experiences Mentorships Research Seminars
	Procedures for effecting change.	Real life connections Problem based activities Special project pursued in depth Opportunities to use strengths	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Seminars Special counseling services
	Responsible use of influence.	Interdisciplinary study Special project pursued in depth Problem based activities.	

AREA OF IDENTIFICATION: VISUAL AND PERFORMING ARTS

SEE ADDENDUM IN APPENDEX FOR MORE SUGGESTED STRATEGIES

Needs:	How to meet needs	Strategies to use	Service Options
Visual and Performing Arts:	Further development (continuous progress) in talent area(s) Use of technology and research design at a level of sophistication matched to ability/need.	Problem based activities Real life connections Research Independent study Different – Not just more of the same Interdisciplinary study Opportunities to display and use strengths Opportunities to use creative Thinking skills Opportunities to participate in contests Use of technology for study and products	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Enrichment during the school day Mentorships Research/Independent study Seminars
	Instruction in critical analysis, foundations, arts talent area(s).		
Creative:	Instruction in multiple advanced levels of creative thinking and problem-solving skills and application to diagnosed arts talent area(s) Opportunity to apply creative thinking and production strategies to diagnosed arts talent area(s)	Problem based activities Real life connections Special project pursued in depth Different – Not just more of the same Opportunities to display and use strengths Service Learning Projects	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Differentiated study experiences Mentorships Seminars
Leadership:	Investigation of leadership roles/styles in diagnosed arts talent area(s) as a career or avocation.	Problem based activities Special projects pursued in depth Opportunities to display and use strengths Research Independent study Extensive reading	Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Independent study Mentorships
	Ethical considerations and social responsibilities of artists as role models: impact of arts on society and society on arts.		
Social/Emotional and Counseling:	Opportunities for competition: experience dealing with failure.	Opportunities to display and use strengths Problem based activities Real life connections Opportunities for career exploration Job shadowing	Advanced Placement Cluster groups Collaborative teaching with District Resource Teachers Consultation services with District Resource Teachers Honors Classes Mentorships Seminars Special counseling services
	Academic planning and counseling tailored to artistically talented students. Opportunities for career exploration in visual and performing arts related fields Contact/mentorship with a professional in the Arts		

WHOLE GRADE ACCELLERATION

704 KAR 3:285 makes mention of various forms of acceleration. At http://nationdeceived.org/ research is documented concerning the gifted student/high achiever's need to progress at a faster rate than other students. G.A.T.E.S. has available the Iowa Acceleration Scale (IAS) used in evaluating students when buildings need to make decisions about acceleration. The IAS is a research-based instrument used in determining whether or not a student would be a good candidate for whole grade acceleration. The instrument takes into consideration test scores, student's social/emotional development, family history, community involvement, academic progress, and affective needs. Resource teachers can assist schools which have need of this service.