#### LEARNING CHARACTERISTICS

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. In a small group, discuss specific examples of when you have observed TASK No. 2: each behavior in a student. **Key: Concepts** A. Analytical E. Conceptual Understanding I. Inductive B. Knowledgeable F. Widely Knowledgeable J. Articulate C. Applied Thinking G. Reasoning Ability K. Insightful D. Memory H. Abstract Thinking The student demonstrates ... 1. advanced vocabulary for his or her age or grade level. 2. the ability to make generalizations about events, people, and things. 3. a large storehouse of information about a specific topic. 4. the ability to grasp underlying principles. 5. insight into cause and effect relationships. 6. an understanding of complicated material through analytical reasoning ability. 7. a large storehouse of information about a variety of topics. 8. the ability to deal with abstractions. 9. recall of factual information. keen and insightful observations. 11. the ability to transfer learnings from one situation to another.

#### **CREATIVITY CHARACTERISTICS**

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Flexible Thinker D. Astute G. Original Thinker B. Imaginative E. Non-Conformist H. Fluent Thinker C. Risk-Taker F. Mentally Mischievous I. Wittv The student demonstrates ... 1. imaginative thinking ability. 2. a sense of humor. 3. the ability to come up with unusual, unique, or clever responses. 4. an adventurous spirit or a willingness to take risks. 5. the ability to generate a large number of ideas or solutions to problems or questions. 6. a tendency to see humor in situations that may not appear to be humorous to others. 7. the ability to adapt, improve, or modify objects or ideas. 8. intellectual playfulness, willingness to fantasize, and manipulate ideas. 9. a non-conforming attitude, does not fear being different.

#### **MOTIVATION CHARACTERISTICS**

- **TASK No. 1:** Individually, select the letter of a key concept that you believe most closely matches each item.
- **TASK No. 2:** In a small group, discuss specific examples of when you have observed each behavior in a student.

## **Key: Concepts**

Rey. Concepts									
В. С.	Goal Directed Unwavering Drive Self-Directed Self-Reliant	<ul><li>E. Intrinsically Motivated</li><li>F. Task Committed</li><li>G. Focused Concentration</li><li>H. Continuously Intrigued</li></ul>	<ul><li>I. Totally Consumed</li><li>J. Dogged Pursuit</li><li>K. Unyielding Inquisitiveness</li></ul>						
The student demonstrates									
1.	the ability to concentrate intently on a topic for a long period of time.								
2.	behavior that requires little direction from teachers.								
3.	sustained interest in certain topics or problems.								
4.	tenacity for finding out information on topics of interest.								
5.	persistent work on tasks even when setbacks occur.								
<b>3</b> .	a preference for situations in which he or she can take personal								
	responsibility for the outc	omes of his or her efforts.							
7.	follow-through behavior when interested in a topic or problem.								
3.	intense involvement in certain topics or problems.								
9.	a commitment to long term projects when interested in a topic.								
10.	persistence when pursuir	ng goals.							

11. little need for external motivation to follow through in work that is

initially exciting.

#### LEADERSHIP CHARACTERISTICS

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Poised D. Facilitator F. Director B. Dependable E. Highly Regarded G. Articulate C. Collaborative The student demonstrates ... 1. responsible behavior; can be counted on to follow through on activities/projects. 2. a tendency to be respected by classmates. 3. the ability to articulate ideas and communicate well with others. 4. self-confidence when interacting with age peers. 5. the ability to organize and bring structure to things, people, and situations. 6. cooperative behavior when working with others. 7. a tendency to direct an activity when he or she is involved with

others.

#### **ARTISTIC CHARACTERISTICS**

**TASK No. 1:** Individually, select the letter of a key concept that you believe most closely matches each item.

**Kev: Concepts** 

**TASK No. 2:** In a small group, discuss specific examples of when you have observed each behavior in a student.

		, , , , , , , , , , , , , , , , , , , ,							
В. С.	Project Choice Observant Symmetry in Work Constructive Self-Critique	<ul><li>E. Evaluates Other Work</li><li>F. Piggy-Backs Artistic Ideas</li><li>G. Enthusiasm for Producing Art</li><li>H. Exploration of Subject Matter</li></ul>	<ul><li>I. Innovative</li><li>J. Task Commitment</li><li>K. Variation of Media</li></ul>						
The	student								
1.	likes to participate in art activities; is eager to visually express ideas.								
2.	incorporates a large number of elements into art work; varies the subject and content of art work.								
3.	arrives at unique, unconventional solutions to artistic problems, as opposed to traditional, conventional ones.								
4.	concentrates for long periods of time on art projects.								
5.	willingly tries out different media; experiments with a variety of materials and techniques.								
6.	tends to select art media for free activity or classroom projects.								
7.	is particularly sensitive to the environment; is a keen observer—sees								
	the unusual, what may be o	verlooked by others.							
8.	produces balance and order in art work.								
9.	is critical of his or her own work; sets high standards of quality; often								
	reworks creation in order to	refine it.							
10.	shows an interest in other students' work—spends time studying and								
	discussing their work.								
11.	elaborates on ideas from other people—uses them as a "jumping-off								

point" as opposed to copying them.

#### MUSICAL CHARACTERISTICS

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Ear for Music D. Musical Memory F. Rhythmic Sense B. Passion E. Sensitive to Sounds G. Enthusiastic Participant C. Musicianship The student ... 1. shows a sustained interest in music—seeks out opportunities to hear and create music. 2. perceives fine differences in musical tone (pitch, loudness, timbre, duration).

6. is sensitive to the rhythm of music; responds to changes in the tempo of music through body movements.
7. is aware of and can identify a variety of sounds heard at a given moment—is sensitive to "background" noises, to chords that accompany a melody, to the different sounds of singers or instrumentalists in a performance.

easily remembers melodies and can produce them accurately.

plays a musical instrument (or indicates a strong desire to).

eagerly participates in musical activities.

3.

4.

5.

#### **MATHEMATICS CHARACTERISTICS**

- **TASK No. 1:** Individually, select the letter of a key concept that you believe most closely matches each item.
- **TASK No. 2:** In a small group, discuss specific examples of when you have observed each behavior in a student.

			Key:	Concepts				
В. С.	Multiple Illustrations Finds Challenge Pleasurable Organizer Numeracy	F.	Diver	tal Manipulation rges from the Ord ety of Methods	dinary	l.	Readily Absorbs Strives to Understand Seeks Solutions	
The	student							
1.	is eager to solve challenging as a task for which the soluti		•	` .		fine	ed	
2.	organizes data and information to discover mathematical patterns.							
3.	enjoys challenging math puzzles, games, and logic problems.							
4.	understands new math conce	ept	s and <sub>l</sub>	processes more	easily t	han		
5.	has creative (unusual and divergent) ways of solving math problems.							
6.	displays a strong number sense (e.g., makes sense of large and							
	small numbers, estimates easily and appropriately).							
7.	frequently solves math proble	em	s abstr	ractly, without the	e need t	for		
	manipulatives or concrete materials.							
8.	has an interest in analyzing t	the	mathe	ematical structure	e of a pr	obl	em	
9.	when solving a math problen	n, c	an swi	itch strategies ea	asily, if			
	appropriate or necessary.							
10.	regularly uses a variety of re	pre	sentat	ions to explain n	nath cor	ncei	ots	

(written explanations, pictorial, graphic, equations, etc.).

#### **READING CHARACTERISTICS**

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Application D. Independence B. Self Regulation E. Participates Eagerly C. Drive and Focus F. Interest The student ... 1. eagerly engages in reading related activities. 2. applies previously learned literary concepts to new reading experiences. 3. focuses on reading for an extended period of time. 4. pursues advanced reading material. 5. demonstrates tenacity when posed with challenging reading. 6. shows interest in reading other types of interest-based reading

materials.

#### **TECHNOLOGY CHARACTERISTICS**

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Interest D. Mentoring F. Experimentation B. Integration E. Expertise G. Breadth C. Initiative The student ... 1. demonstrates a wide range of technology skills. 2. learns new software without formal training. 3. spends free time developing technology skills. 4. assists others with technology related problems. 5. incorporates technology in developing creative products assignments/presentations. 6. eagerly pursues opportunities to use technology. 7. demonstrates more advanced technology skills than other students

his or her age.

#### **SCIENCE CHARACTERISTICS**

TASK No. 1: Individually, select the letter of a key concept that you believe most closely matches each item. TASK No. 2: In a small group, discuss specific examples of when you have observed each behavior in a student. **Key: Concepts** A. Curiosity (General or D. Communicates Data F. Research (or Hands-on Global) Well Involvement) E. General (Broad) Interest G. Interested in Process B. Choice (Science in Free in Science Topics and Method Time) C. Creative Thinking The student ... 1. demonstrates curiosity about scientific processes. 2. demonstrates creative thinking about scientific debates or issues. 3. demonstrates enthusiasm in discussion of scientific topics. 4. is curious about why things are as they are. 5. reads about science-related topics in his or her free time.

expresses interest in science projects or research.

clearly articulates data interpretation.

6.

7.

### **LEARNING CHARACTERISTICS**

1. J

2. I

3. B

4. E

5. G

6. A

7. F

7. г 8. Н 9. D

10. K

11. C

### **CREATIVITY CHARACTERISTICS**

1. B

2. I

3. G

4. C

5. H 6. D 7. A

8. F

9. E

## **MOTIVATION CHARACTERISTICS**

1. G

2. C

3. H

4. K

5. B

6. D

7. J

7. 3 8. I 9. F

10. A

11. E

#### LEADERSHIP CHARACTERISTICS

1. B

2. E

3. G

4. A 5. D

6. C

### **Artistic Characteristics**

- 1. G 2. H
- 3. I
- 5. K

- 7. B
- 8. C
- 9. D 10. E
- 11. F

6. A

### **Musical Characteristics**

- 1. B
- 2. A
- 3. D
- 4. G

- 5. C
- 6. F
- 7. E

### **Dramatics Characteristics**

- 1. J
- 2. A
- 3. F
- 4. E
- 5. G

- 6. B
- 7. I
- 8. H
- 9. C
- 10. D

## **Communication (Precision) Characteristics**

- 1. D
- 2. F
- 3. H
- 4. J
- 5. G 6. B

- 7. A
- 8. C
- 9. E 10. K
- 11. I

### **Communication (Expressiveness)** Characteristics

- 1. B
- 2. A
- 3. D

## **Planning Characteristics**

- 1. M
- 2. B
- 3. D 4. G
- 5. O
- 6. H
- 7. E
- 8. A

- 9. K 10. I
- 11. C
- 12. N
- 13. F
- 14. J
- 15. L

### **Mathematics Characteristics**

- 1. J
- 2. C
- 3. B
- 4. H 5. F
- 6. D
- 7. E
- 8. I 9. G
- 10. A

## **Reading Characteristics**

- 1. E
- 2. A 3. B
- 4. D 5. C
- 6. F

## **Technology Characteristics**

- 1. G
- 5. B
- 2. F 3. C
- 6. A 7. E

## **Science Characteristics**

- 2. C

- 5. B 6. F
- 7. D