

## Pediatric Growth and Development Project Guidelines

### Objectives:

1. Supplement the student's knowledge concerning the growth and development of children
2. Supplement the student's knowledge concerning the physical requirements of children in specific age groups
3. Allow the student to research and articulate the behaviors and norms of children in a specific age group
4. Research motor and psychological skills commonly used by the specific age group thus allowing the student to choose toys and create games that would enable the pediatric client to demonstrate the utilization of these skills
5. Apply knowledge to relate teaching according to common children's theorist stages and phases
6. Provide the student an opportunity to practice teaching skills to peers, using a mixed media approach

### Directions:

1. Each student will be assigned a group that will focus on a specific age and disease process.
2. Each member of the team will be expected to participate in the project to earn full points (see rubric)
  - a. Each team member will receive the **same** grade, unless absent or a lack of participation is shown on the self & peer evaluation
  - b. If a student is absent on the day of the presentation, they will receive a zero
  - c. Refer to: **Pediatric Project Rubric for grading reference**
3. Presentations should be from 15-20 minutes in length
4. Make it memorable so your peers will learn and recall your information. Strive to be the BEST team!
5. Each team will be responsible for bringing/showing at least **6 age-related items** (toys, games, snacks, etc.) to class/clinical on the designated date.
6. Each team will present to the class utilizing interactive learning techniques (ask "will my peers learn from this?")
  - a. **Psychosocial/Cognitive Development:**
    - i. Discuss language, socialization, and stages according to Erikson and Piaget
    - ii. Plan 2 simple diversional activities (games, crafts—please be creative) compatible for age group while hospitalized
  - b. **Physical Development:**
    - i. Discuss average growth and development of specific age group, including height, weight, and vital signs
    - ii. Discuss major developmental tasks including fine and gross motor skills for the age group and note what would constitute a delay
  - c. **Appropriate Anticipatory Guidance:**
    - i. Discuss sleep patterns and immunizations for age group
    - ii. Discuss safety considerations and injury prevention teaching for the age group
  - d. **Nutrition**
    - i. Discuss appropriate caloric intake and approximate weight gain for the age group

- ii. Provide examples of 2 snacks and 3 meals
- e. Pathophysiology:**
  - i. Include etiology, common signs and symptoms, and labs/diagnostic tests
  - ii. Discuss the nursing implications and treatment plan related to specific disease process
- f. Hospitalization:**
  - i. Discuss any unique considerations for hospitalization at that age based on knowledge of growth and development
- g. Atraumatic Care**
  - i. Discuss 2 examples of atraumatic care for the age group
  - ii. Provide 2 examples of incorporating the family in the child's care

**PEDIATRIC GROWTH & DEVELOPMENT PROJECT GRADING RUBRIC**

**GROUP:**

**DISEASE PROCESS:**

<b>TOPIC</b>	<b>2 Points</b>	<b>4 Points</b>	<b>6 Points</b>	<b>8 Points</b>	<b>10 Points</b>	<b>Points</b>
<b>Psychosocial/ Cognitive Development</b>	Failed to discuss psychosocial/cognitive development, including language, socialization, and stages according to Erikson and Piaget, failed to plan two simple diversional activities compatible for age group while hospitalized	Discussed inaccurate psychosocial/cognitive development, including language, socialization, and stages according to Erikson and Piaget and planned two inaccurate simple diversional activities incompatible for age group while hospitalized	Discussed psychosocial/cognitive development, including language, socialization, and stages according to Erikson and Piaget, and planned two simple diversional activities compatible for age group while hospitalized, but lacked significant detail to establish understanding	Discussed psychosocial/cognitive development, including language, socialization, and stages according to Erikson and Piaget, and planned two simple diversional activities compatible for age group while hospitalized, but with minimal detail to establish understanding	Thoroughly discussed psychosocial/cognitive development, including language, socialization, and stages according to Erikson and Piaget, and planned two simple diversional activities compatible for age group while hospitalized with sufficient detail to establish understanding	
<b>Physical Development</b>	Failed to discuss average growth and development of specific age group, including height, weight, and vital signs  Failed to discuss major developmental tasks including fine and gross motor skills for the age group and note what would constitute a delay	Discussed inaccurate growth and development of specific age group, including height, weight, and vital signs  Discussed inaccurate developmental tasks including fine and gross motor skills and what constitutes a delay	Discussed average growth and development of specific age group, including height, weight, and vital signs, discussed major developmental tasks including fine and gross motor skills for the age group and note what would constitute a delay but lacked significant detail to establish understanding	Discussed average growth and development of specific age group, including height, weight, and vital signs, discussed major developmental tasks including fine and gross motor skills for the age group and note what would constitute a delay, but with minimal detail to establish understanding	Thoroughly discussed average growth and development of specific age group, including height, weight, and vital signs, discussed major developmental tasks including fine and gross motor skills for the age group and note what would constitute a delay with sufficient detail to establish understanding	
<b>Appropriate Anticipatory Guidance</b>	Failed to discuss sleep patterns, immunizations for age group, safety considerations and injury prevention teaching for the age group	Inaccurately discussed sleep patterns, immunizations for age group, safety considerations and injury prevention teaching for the age group	Discussed sleep patterns, immunizations for age group, safety considerations and injury prevention teaching for the age group, but lacked significant detail to establish understanding	Discussed sleep patterns, immunizations for age group, safety considerations and injury prevention teaching for the age group, but with minimal detail to establish understanding	Thoroughly discussed sleep patterns, immunizations for age group, safety considerations and injury prevention teaching for the age group	

<b>TOPIC</b>	<b>2 Points</b>	<b>4 Points</b>	<b>6 Points</b>	<b>8 Points</b>	<b>10 Points</b>	<b>Points</b>
<b>Nutrition</b>	Failed to discuss appropriate caloric intake. approximate weight gain, did not provide examples of 2 snacks and 3 meals	Discussed appropriate caloric intake. approximate weight gain, provided examples of 2 snacks and 3 meals, but provided inaccurate information	Discussed appropriate caloric intake. approximate weight gain, provided examples of 2 snacks and 3 meals, but lacked significant detail to establish understanding	Discussed appropriate caloric intake. approximate weight gain, provided examples of 2 snacks and 3 meals, but with minimal detail to establish understanding	Thoroughly discussed appropriate caloric intake. approximate weight gain, and provided examples of 2 snacks and 3 meals with sufficient detail to establish understanding	
<b>Pathophysiology</b>	Failed to include etiology, common signs and symptoms, and labs/diagnostic tests, nursing implications, and treatment plan	Included etiology, common signs and symptoms and labs/diagnostic tests, nursing implications, and treatment plan but provided inaccurate information	Included etiology, common signs and symptoms and labs/diagnostic tests, nursing implications, and treatment plan but lacked significant detail to establish understanding	Included etiology, common signs and symptoms and labs/diagnostic tests, nursing implications, and treatment plan with minimal detail to establish understanding	Included etiology, common signs and symptoms and labs/diagnostic tests, nursing implications, and treatment plan with minimal detail to establish understanding	
<b>Hospitalization</b>	Failed to discuss any unique considerations for hospitalization at that age sufficient detail to establish understanding	Discussed unique considerations for hospitalization at that age but provided inaccurate information	Discussed unique considerations for hospitalization at that age but lacked significant detail to establish understanding	Discussed unique considerations for hospitalization at that age with only minimal detail to establish understanding	Discussed any unique considerations for hospitalization at that age with sufficient detail to establish understanding	
<b>Atraumatic Care</b>	Failed to discuss 2 examples of atraumatic care and failed to provide 2 examples of incorporating the family in the child's care	Discussed 2 examples of atraumatic care for the age group and provided 2 examples of incorporating the family in the child's care, but provided inaccurate information	Discussed 2 examples of atraumatic care for the age group and provided 2 examples of incorporating the family in the child's care, but lacked significant detail to establish understanding	Discussed 2 examples of atraumatic care for the age group and provided 2 examples of incorporating the family in the child's care, but with minimal detail to establish understanding	Thoroughly discussed 2 examples of atraumatic care for the age group and provided 2 examples of incorporating the family in the child's care with sufficient detail to establish understanding.	

<b>TOPIC</b>	<b>2 Points</b>	<b>4 Points</b>	<b>6 Points</b>	<b>8 Points</b>	<b>10 Points</b>	<b>Points</b>
<b>Presentation Quality</b>	Presentation was disorganized, difficult to read, font size was inappropriate for slide, had 6+ bullet points, was not interactive, presenters were not in professional dress	Presentation lacked 2-3 of the following: sufficient organization, readability, appropriate font size, appropriate number of bullet points, presentation was interactive, presenters were in professional dress	Presentation lacked 1-2 of the following: sufficient organization, readability, appropriate font size, appropriate number of bullet points, presentation was interactive, presenters were in professional dress	Presentation lacked 1 of the following: sufficient organization, readability, appropriate font size, appropriate number of bullet points, presentation was interactive, presenters were in professional dress	Presentation had sufficient organization, readability, appropriate font size, appropriate number of bullet points, presentation was interactive, presenters were in professional dress	
<b>Group effort</b>	Some people in the group did much more or less than others, <b>and</b> the approach did not show creativity or make it conducive to learning.	Some people in the group did much more or less than others <b>or</b> approach was lacking in creativity.	Most of the group played a part in the presentation. Approach could have used more to make it a better learning tool.	Most of the group played a part in the presentation. Showed a creative approach, making it conducive to learning. Presentation was interesting.	Everyone in the group played a part in the presentation. Showed a creative approach, making it conducive to learning. Presentation was enthusiastic and enjoyable.	
<b>Time</b>	Presentation was 5-7 minutes	Presentation was 7-10 minutes	Presentation was 10-12 minutes	Presentation was 12-15 minutes	Presentation was 15-20 minutes	
<b>TOTAL POINTS EARNED</b>						