

# Respiratory Therapy Aide (51.2601)

Cross-reference to Show-Me standards (main report)

Measurable Learner Objective and Task Statement	Knowledge (Content)	Performance (Goals)	National Standards
<b>A. Perform mathematical calculations and conversions</b>	MA 1	4.1, 4.7	4.15
1. Apply basic math skills including fractions, decimals, and conversions to problems used in the respiratory therapy setting			
<b>B. Demonstrate technology skills</b>	N/A	2.6, 2.7	2.28
1. Demonstrate technological proficiency (e.g., e-mail, word processing, fax machine)			
2. Demonstrate computer skills (e.g., operating system and software)			
3. Use the Internet to perform searches			
<b>C. Describe and demonstrate professional behavior, ethical, legal, and moral issues, roles and functions, and career management skills in respiratory therapy</b>	CA 1, HP 6, SS 6	2.3, 2.6, 3.6, 3.8, 4.4, 4.6, 4.7	2.12, 2.14, 3.24, 4.12, 4.13, 4.16, 4.17, 4.18, 4.19, 4.41, 5.21, 5.24, 5.27, 6.21, 6.25, 6.31, 6.32, 7.22, Entire Core Standard 8
1. Explain the role of regulatory agencies such as OSHA and JCAHO			
2. Discuss types of reimbursement by payers			
3. Identify the professional organizations and develop an appreciation of the importance of active participation			
4. Explain the importance of maintaining licensure			
5. Discuss the importance of the respiratory therapy team to health care			
6. Describe how cultural diversity impacts health			
7. Discuss the importance of an interdisciplinary approach to healthcare			
8. Discuss history and trends of the respiratory care industry			
9. Demonstrate a professional work ethic (e.g., appearance, punctuality and dress)			

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MA = Math

SS = Social Studies  
SC = Science

**Measurable Learner Objective are bold font.**

HP = Health Professions

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10. Demonstrate proper telephone etiquette			
<b>D. Develop a plan for and provide client care</b>	N/A	3.2, 3.4, 3.6	4.15, 8.25
1. Develop a care plan			
2. Demonstrate problem-solving skills in client care situations			
<b>E. Complete basic science coursework related to respiratory care</b>	HP 1, HP 3	N/A	1.11, 1.14, 1.21, 1.24
1. Identify the structures of the respiratory and cardiovascular system			
2. Describe gas exchange at the alveolar and tissue levels			
3. Describe pulmonary circulation			
4. Explain pulmonary function values and techniques (e.g., peak flow, spirometry, gas diffusion)			
5. Explain Arterial Blood Gas values			
6. Describe diseases related to the respiratory system (e.g., COPD, emphysema, asthma, bronchitis, pneumonia)			
<b>F. Select, assemble, and check equipment for proper function, operation, and cleanliness</b>	N/A	4.7	5.21, 7.12, 7.13
1. Explain the different types of disinfection and sterilization			
2. Obtain equipment as directed by Respiratory Therapist			
3. Clean, disinfect, and sterilize equipment			
4. Assemble equipment properly			
5. Check for proper equipment function per manufacturer's guidelines/procedures			

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6. Identify equipment malfunctions			
7. Correct equipment malfunctions			
<b>G. Initiate, perform and modify prescribed therapeutic procedures and assess patient response</b>	CA 4, HP 3, HP 7, SC 3	2.6, 3.1, 3.2, 3.4, 4.7	2.11, 2.25, 2.27, 5.21, 7.11, 7.12, 7.13, 7.53
1. Maintain client medical records and perform other clerical duties as assigned			
2. Follow standard and transmission based precautions			
3. Observe and report signs of hypoxia			
4. Set up Oxygen Therapy as directed by Respiratory Therapist			
5. Set up Nebulizer Treatment as directed by Respiratory Therapist			
6. Perform trach care for an established tracheostomy			
7. Teach client to use incentive spirometer			
8. Use Bag-Valve-Mask (Ambu) procedure			
9. Describe types of ventilators and ventilator setting			
10. Describe types of equipment used in respiratory therapy			
11. Obtain basic life support (BLS) certification			
12. Describe non-invasive and invasive methods of maintaining an airway and administering oxygen therapy			
<b>H. Demonstrate specific respiratory care diagnostic competencies</b>	MA 1	N/A	5.21
1. Measure and record client vital signs			
2. Assist Respiratory Therapist to perform pulmonary function tests			

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<b>Measurable Learner Objective and Task Statement</b>	<b>Knowledge (Content)</b>	<b>Performance (Goals)</b>	<b>National Standards</b>
3. Assist Respiratory Therapist with Arterial Blood Gasses			
4. Perform electrocardiography			
5. Assist Respiratory Therapist with non-invasive cardiopulmonary diagnostics			
6. Assist Respiratory Therapist with exercise testing			
<b>I. Demonstrate providing and documenting client education</b>	CA 6, HP 6	2.1, 2.4	2.11, 9.12, 9.13, 9.14
1. Develop a respiratory therapy related education program (e.g., no smoking for elementary or asthma-related topic)			

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