

JOB DESCRIPTION

PATERSON BOARD OF EDUCATION

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1732 Supervisor of Science
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JOB TITLE: SUPERVISOR OF SCIENCE

REPORTS TO: Director of Science

SUPERVISES: Grades Preschool – 12 Teachers

NATURE AND SCOPE OF JOB:

The Supervisor of Science Instruction leads the development, organization, implementation, coordination, and evaluation of the grades Pre- Kindergarten - 12 instructional programs to ensure that all students meet and exceed the New Jersey Student Learning Standards for Science. Achieving excellence requires that the Supervisor works collaboratively to lead and support members of the staff, and communicates effectively with parents, members of the community and colleagues in other districts and schools.

QUALIFICATIONS:

The Supervisor of Science shall:

1. Hold a New Jersey administrative certificate in accordance with the requirements of N.J.S.A 18A:27.1 et seq., and N.J.A.C Title 6 Chapter 11, with a supervisor endorsement (N.J.A.) 6:11-9.3 and 9.6). Hold a standard teaching certificate in Science.
2. Hold a Master's degree from an accredited institution (College or University).
3. Have a minimum of five years teaching/administrative experience.
4. Hold and maintain a valid driver's license with no serious violations.
5. Have excellent administrative and/or teaching experience and work with students.
6. Demonstrate excellent organizational skills and the ability to motivate people.
7. Have excellent integrity and demonstrate good moral character and initiative.
8. Demonstrate knowledge and understanding of curriculum development and program evaluation, child growth and development, effective instructional strategies, classroom management, learning assessment and diagnosis, and research relating to learning.
9. Exhibit a personality that demonstrates enthusiasm and interpersonal skills to relate well with students, staff, administration, parents, and the community.
10. Demonstrate the ability to communicate effectively in English, both orally and in writing, using proper grammar and vocabulary.
11. Demonstrate the ability to use electronic equipment for word processing, data management, information retrieval, visual and audio presentations, and telecommunications.

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12. Provide proof of U.S. citizenship or legal resident alien status by completing Federal Form I-9 in compliance with the Immigration Reform and Control Act of 1986.
13. Provide evidence that a criminal record history check has been conducted and clearance has been given by the Department of Education. During the initial six month period provide a sworn statement that there have not been any convictions of a crime or a disorderly person's offense in accordance with 18A:6-7.1.
14. Provide evidence that health is adequate to fulfill the job *functions and responsibilities* with reasonable accommodation pursuant to 42 U.S.C 12101 and in accordance with N.J.A.C. 6:3-4A4.
15. Pass the State required Mantoux Intradermal Tuberculin Test as required by N.J.A.C. 6:3-4A.4.
16. Meet such alternatives to the above qualifications as the Superintendent may find appropriate and acceptable.

VERIFICATIONS OF COMPETENCY:

1. District application and resume.
2. Required documentation outlined in qualifications above.
3. A minimum of three letters of reference from employers, teachers, professors or other professional sources, or copies of recent evaluations of teaching and/or administrative performance.
4. Official college transcripts.
5. Employment interview(s).

EMPLOYMENT TERMS:

The Supervisor of Science Instruction shall be employed under the following terms:

1. Work year of twelve months.
2. Salary, benefits, and leave time as specified in the Collective Bargaining Agreement.
3. Conditions established by laws and codes of the State, and policies, rules, and regulations established by the Board of Education (N.J.S.A. 18A:27-4 et seq.).

JOB FUNCTIONS AND RESPONSIBILITIES:

The Supervisor of Science Instruction shall:

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1. Establish and promote high standards and expectations for students and staff for academic performance and responsibility for behavior.
2. Work cooperatively and collectively with principals, staff, and other supervisors to ensure that instructional programs and services are coordinated in the schools and are administered uniformly and equitably.
3. Review school level improvement plans to determine school based needs.
4. Work cooperatively and collectively with Principals, staff and other supervisors to ensure that instructional program and services are coordinated in the schools and are administered uniformly and equitably.
5. Ensure coordination of services and articulation between the secondary and elementary levels of the instructional program by communicating frequently with the Executive Director of Curriculum and Instruction, Associate Chief Academic Officer, Chief Academic Officer, Supervisors and Principals on a regular basis.
6. Provide supervisory and coordinating responsibilities for instructional programs in the New Jersey Student Learning Standards for Science.
7. Plan, organize, implement, supervise, coordinate, and evaluate programs in the New Jersey Student Learning Standards that ensure that each student meets and exceeds the Standards, consistent with the mission, philosophy, values, and instructional goals of the district, and meeting all laws and codes, Board policies, and regulations. Leadership of the programs shall include:
 - Use of data to identify student and instructional needs
 - Clear procedures for the operation and functioning of the various programs
 - Vertical and horizontal articulation of skills and content sequence
 - Coordination among the core curriculum content areas;
 - Consistent and regular program evaluation;
 - Personnel supervision and evaluation in collaboration with administration
 - Personnel recruitment and recommendations for selection when vacancies occur;
 - Orientation and assistance for new staff members;
 - Communications among staff;
 - Staff development to expand and improve skills;
 - Analysis of assessments to improve instruction;
 - Resources and personnel scheduling;
 - Coordination of services with community agencies and resources;
 - Coordination and close working relationships with state and county officials, and with colleagues in other school districts;
 - Evaluation and selection of instructional materials and equipment;

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- Budget development and implementation;
 - Application for grants and monitoring grants;
 - Compliance with all state and federal mandates.
8. Collect and analyze data, particularly formative and summative assessments, regarding the achievement of students and other pertinent information affecting the design and implementation of services and programs, using the information to recommend new programs and modifications in existing programs. Share with staff the results of State and other assessments.
 9. Collaborate with administration, data leader and instructional staff to plan and conduct professional development to support content area instructional strategies and to design intervention programs.
 10. Provide leadership and coordination in the development and delivery of curriculum, assessments, and the implementation of instructional programs of the district, evaluating programs and services on a regular basis to encourage the use of a variety of instructional strategies and materials consistent with research on learning and child growth and development.
 11. Conduct model lessons as part of job-embedded coaching for teachers.
 12. Participate and develop professional learning communities to support action steps identified in school improvement plans.
 13. Ensure that the instructional programs engage the learner in tasks that require analytical and critical thinking, problem solving, and creativity, that they address each student's needs, interests, and skill levels, that they encourage the students to define individual goals and accept responsibility for learning, and that they provide a variety of methods for the student to demonstrate performance and achievement.
 14. Organize and implement a system for the evaluation and selection of equipment and instructional materials that are free of prejudice and stereotyping and designed to meet the New Jersey Student Learning Standards for Science, using staff identified criteria reflecting the needs of the program.
 15. Ensure that the library media services are effectively used and support the instructional program.
 16. Review instructional and grading policies, procedures, and standards to ensure consistency across the various grade levels.
 17. Supervise personnel assigned to ensure that all responsibilities are met and exceeded. Evaluate lesson plans and observe classes on a regular basis to ensure effective delivery of instruction.
 18. Participate in administrative and content walkthroughs.
 19. Conduct observations and provide timely and meaningful feedback to teachers.

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20. Develop and schedule “next steps” that will support instructional visits conducted in each school and each classroom.
21. Assist with the development of staff members’ Professional Development Plan (PDP).
22. Ensure that personnel evaluation procedures are accomplished in a fair and consistent manner that encourages accountability, growth and excellence, in accordance with law, Board Policy, and contractual requirements.
23. Recommend to the Principal, the renewal, dismissal, withholding of increment, promotion of other actions for all personnel assigned, followed established procedures and timelines.
24. Recommend staffing needs and assist with the recruitment and selection of new personnel. Provide orientation and assistance and monitor the performance of new staff.
25. Provide opportunities for effective staff development that address the needs of the instructional program including, workshops, conferences, visitations, demonstration lessons, and sessions (PLC’s, GLM’s, etc.) in which the staff shares successful practices and strategies.
26. Provide and coordinate services to the professional staff to assist them with classified students and with students who experience difficulty with learning. Coordinate school and community resources for students who need specialized assistance, including the services of the guidance counselor, social worker, nurse, psychologist, learning disabilities teacher consultant, attendance officer, and others who may assist the student and family.
27. Monitor instructional areas to ensure that the facilities support instruction and are attractive, organized, functional, healthy, clean, and safe with proper attention to the visual, acoustic, and thermal environments.
28. Establish a professional rapport with staff that earns their respect, maintaining visibility with students, staff, parents and the community.
29. Display the highest ethical and professional behavior and standards when working with students, parents and school personnel and outside agencies associated with the school.
30. Serve as a role model for the students, dressing professionally, and demonstrating the importance and relevance of learning, accepting responsibility, and pride in the education profession.
31. Notify immediately appropriate personnel and agencies and follow established procedures when there is evidence of substance abuse, child abuse, child neglect, severe medical or social conditions, potential suicide or individuals appearing to be under the influence of alcohol, controlled substances, or anabolic steroids.
32. Keep the staff informed about the instructional program and services and seek ideas for the improvement of instruction.
33. Conduct meetings as necessary for the proper functioning of the instructional programs.

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34. Use effective presentation skills when addressing students, staff, parents and the community, including appropriate vocabulary, clear and legible visuals, and articulate and audible speech.
35. Use excellent written and oral English skills when communicating to students, parents and colleagues.
36. Complete in a timely fashion all records and reports as required by law and regulation or requested by the Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer.
37. Prepare grant and other applications as requested by the Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer.
38. Recommend budgets to support the instructional program.
39. Coordinate the purchasing of instructional materials and equipment under the supervision of the Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer.
40. Communicate with the Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer and with the Principals regularly about the needs and successes, and general operation of the various programs and services.
41. Recommend policies and procedures to promote a healthy and supportive climate for learning that addresses the NJSLs and responsibility for behavior.
42. Follow procedures for safe storage and integrity of all public and confidential school records, ensuring that personnel and student record keeping procedures comply with State and federal law and district policy.
43. Protect confidentiality of records and information gained as part of exercising professional duties and use discretion in sharing such information with legal confines.
44. Attend required staff meetings and serve, as appropriate, on staff committees.
45. Represent the school and district at Community, State, and professional meetings.
46. Continue to grow professionally through collaboration with colleagues and professional growth experiences.
47. Summarize interpret and disseminate current developments in instruction, learning theory, and cognitive research through reading of professional journals, participation in professional development, and involvement in professional organizations.
48. Maintain a safe working condition and operate electronic and other equipment needed to carry out job functions and responsibilities.
49. Observe strictly, to avoid the appearance of conflict, all requirements of the School Ethics Act (N.J.S.A. 18A:12-21 et seq.) regarding conflicts of interest in employment, purchasing, other decisions, including solicitation and acceptance of gifts and favors, and

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submit in a timely fashion the required annual disclosure statement regarding employment and financial interest.

50. Perform any duties that are assigned by Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer.
51. Adhere to New Jersey school law, State Board of Education rules and regulations, Board of Education policies, regulations and procedures, and the Collective Bargaining Agreement for teachers.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential responsibilities and functions of the job and are not meant to be all inclusive. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential responsibilities and functions of the job. Unless reasonable accommodations can be made, while performing this job the staff member shall:

1. Use strength to lift items needed to perform the functions of the job.
2. Sit, stand, and walk for required periods of time.
3. Speak and hear.
4. Use close vision, color vision, peripheral vision, and depth perception along with the ability to focus vision.
5. Communicate effectively in English, using proper grammar and vocabulary. American Sign Language and Braille may also be considered as acceptable forms of communication.
6. Reach with hands and arms and use hands and fingers to handle objects and operate tools, computers, and/or controls.

ENVIRONMENTAL DEMANDS:

The environmental demands described here are representative of those that must be met by an employee to successfully perform the essential responsibilities and functions of the job and are not meant to be all inclusive.

1. Exposure to a variety of childhood and adult diseases and illnesses.
2. Occasional exposure to a variety of weather conditions.
3. Exposure to heated/air conditioned and ventilated facilities.

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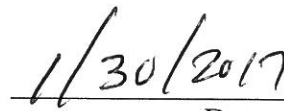
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4. Exposure to a building in which a variety of chemical substances are used for cleaning, instruction, and/or operation of equipment.
5. Function in a workplace that is usually moderately quiet, but can be noisy at times.

EVALUATION:

The Chief Academic Officer, Executive Director of Curriculum and Instruction, the Associate Chief Academic Officer shall evaluate the Supervisor of Science in accordance with Policy No. 3223, Regulation Nos. 3223.1 or 3223.2, this Job Description and such other criteria as shall be established by the Board of Education.


Approved


Date