

North Kingstown School Department

FUNCTIONAL JOB DESCRIPTION

Job Title:	Robotics Teacher, Middle School				
Department:	Middle School				
Reports to:	Principal				
Supervises:	n/a				
Description of job:					
<p>Math/Science background preferred.</p> <p>Has experience or familiar with the Engineering Design Process, LEGO Mindstorms software, and NXT Intelligent programming bricks.</p>					
Protective Personal Equipment:	n/a				
Classification:	Sedentary:	Light:	Medium: x	Heavy:	Very Heavy:
<i>Classification Key:</i>					
<i>Sedentary – Exerting up to 10 lbs. of force occasionally; negligible amount of force frequently to lift, carry, push/pull or otherwise move objects;</i>					
<i>Light – Exerting up to 20 lbs. of force occasionally and/or 10 pounds of force frequently or negligible amounts of force constantly to move objects;</i>					
<i>Medium – Exerting 20 lbs. – 50 lbs. of force occasionally; 10 lbs. – 20 lbs. frequent; and/or greater than negligible up to 10 lbs. of force constantly to move objects;</i>					
<i>Heavy – Exerting 50 lbs. – 100 lbs. of force occasionally; in excess of 50 lbs. frequently; 10 lbs. – 20 lbs. of force constantly to move objects;</i>					
<i>Very Heavy – Exerting in excess of 100 lbs. of force occasionally; and/or in excess of 50 lbs. of force frequently; in excess of 20 lbs. of force constantly to move objects.</i>					
Driving Requirements:	None: X		Manual:		Automatic:

Work Environment			
Floor Surface:	Tile and/or carpet		
Inside:	Up to 100%	Outside:	Up to 5%
Lighting:	Incandescent or Fluorescent		
Vibration:	n/a		

PHYSICAL DEMANDS

LIFTING						
Maximum weight lifted: up to 25 pounds occasionally						
WEIGHT	Never	Occasionally	Frequently	Constant	Heights	Description of object
0 – 10 lbs.		x				
10 – 20 lbs.		x				
20 – 35 lbs.		x				
35 – 50 lbs.	x					

CARRYING						
Maximum weight carried: up to 25 lbs.						
WEIGHT	Never	Occasionally	Frequently	Constant	Distances	Description of object
0 – 10 lbs.		x				
10 – 20 lbs.		x				
20 – 35 lbs.		x				
35 – 50 lbs.	x					

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PUSHING/PULLING						
Maximum push/pull: 10 lbs						
WEIGHT or FORCE	Never	Occasionally	Frequently	Constant	Distances	Description of object
0 – 10 lbs.		x				
10 – 20 lbs.	x					
20 – 35 lbs.	x					
100 + lbs.	x					

ACTIVITY	Never	Occasionally	Frequently	Constant	Comments
Sitting			x		
Standing			x		
Walking			x		
Bending		x			
Twisting		x			
Crawling	x				
Kneeling		x			
Squatting		x			
Climbing		x			
Reaching – Vertical		x			
Reaching – Horizontal			x		
Grasping		x			
Pinching		x			
Manual Dexterity		x			
Fine Dexterity		x			

FREQUENCY KEY: Never (0%); Occasionally (0 – 33% of shift); Frequently (34-66% of shift); Constant (67 – 100% of shift)

Qualification Requirements:

To perform this job successfully, an individual must be able to perform each of the above noted essential duties satisfactorily. The requirements listed below are representative of the knowledge, skill, and /or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Education and/or Experience:

Bachelor Degree

License/Certificate/Certification:

Valid RI Certification: Middle School Math preferred but will consider Middle School Science, or other middle school certification

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Technological and/or Technical Skills:

Ability to demonstrate use of notable Google Apps such as Docs and Sheets

Communication Skills:

- Demonstrated ability to draft clear and concise correspondence.
- Ability to compose and/or present written or oral reports as needed.
- Ability to communicate effectively with all levels within the organization including administration, staff and peers.

Planning Skills:

Demonstrable ability to effectively handle complex issues utilizing a problem solving approach. Capability of responding simultaneously to a variety of requests from staff members, students and administrators (multi tasking)

Interpersonal and Problem solving skills:

Ability to interact with administration, staff and students in an effective manner. Ability to effectively handle issues utilizing a personable problem solving approach.

Terms of Employment:

Per NEANK contract

Evaluation:

Per NEANK contract

Date: 6/2017