

# North Kingstown School Department

## FUNCTIONAL JOB DESCRIPTION

<b>Job Title:</b>	<b>Robotics Advisor - WMS</b>
<b>Department:</b>	
<b>Reports to:</b>	<b>Principal/Assistant Principal</b>
<b>Supervises:</b>	<b>Students</b>

**Description of job:**

**ROBOTICS TEAM MEETINGS ARE HELD ON TUESDAY AND THURSDAY AFTERNOONS FROM 2:30-3:30 PM AT THE NKHS. MEETINGS BEGIN IN SEPTEMBER AND RUN UNTIL THE STATE COMPETITION.**

Advisor will run the WMS Robotics Team. On this team, students design, code, and build robots following specific guidelines for a state competition. Duties include:

- Taking attendance each session and submitting attendance records to administration
- Facilitating the implementation of competition rules and guidelines
- Instructing students on how to design, code, and build the robots
- Adhere to timeline set by the Statewide contest rules
- Organize teams of students to work on various aspects of the robots
- Secure materials for needed experiments and tasks
- Attend the final competition with the team

Tier I

<b>Protective Personal Equipment:</b>	n/a				
<b>Classification:</b>	<b>Sedentary:</b>	<b>Light: x</b>	<b>Medium:</b>	<b>Heavy:</b>	<b>Very Heavy:</b>
<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>					
<b>Driving Requirements:</b>	None: x	Manual:	Automatic:		

Work Environment			
<b>Floor Surface:</b>	Tile and/or carpet		
<b>Inside:</b>	Classroom	<b>Outside:</b>	
<b>Lighting:</b>	Incandescent or Fluorescent		
<b>Vibration:</b>	n/a		

**PHYSICAL DEMANDS**

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

## North Kingstown School Department

35 – 50 lbs.	x					
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CARRYING						
Maximum weight carried: up to 20 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					

PUSHING/PULLING						
Maximum push/pull: 20 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. Available to meet after school and able to attend competition.

## North Kingstown School Department

### Education and/or Experience:

### License/Certificate/Certification:

### Technological and/or Technical Skills:

### Communication Skills:

Strong communication skills (spoken and written), including excellent phone courtesy.

### Planning Skills:

Required to take attendance and submit to the building principal on a monthly basis.

Ability to prioritize needs and respond to requests in an organized manner. Have a clear mission for the club with written agendas that promote WMS in a positive manner and is inclusive of all students.

### Interpersonal and Problem solving skills:

Ability to interface with parents, students and staff members in a helpful, efficient and professional manner.

### Terms of Employment:

1 year. Posted yearly.

### Evaluation:

Date: 3/2019, 6/2019, 8/2019