

Basketball: STEM Careers in Sports



Activity: Explore the website below and choose a STEM occupation you think is needed to work with the New York Knicks. Use the information from the website to answer the questions. <https://www.onetonline.org/find/quick?s=sports>



Occupation Name: _____

STEM Occupations

Occupation Description: _____

SCIENCE of SPORT

STEM

PROGRAM

Science, Technology, Engineering, Mathematics

Technology Skills: _____

Knowledge: _____

Percent of respondents indicating need for a Bachelor's degree: _____

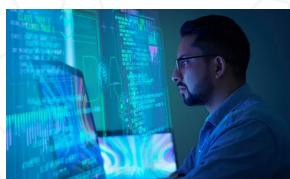
Wages: _____

STEM Careers in Sports:



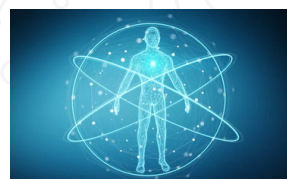
SCIENCE

Materials Scientist: Research materials, develop new products, enhance existing products, and testing and experimentation.



TECHNOLOGY

IT Architect: Control cameras and sensors, capture accurate and real-time data, ensure the security of the network, and protect data from being hacked.



ENGINEERING

Biomedical Engineer: Develop devices to enhance capabilities, improve the quality of life for individuals with impairments, prevent athlete injuries, and enhance performance.



MATH

Market Research Analysis: Study current economic market conditions and help sports organizations become aware of potential sales for their products.