

LEARNING STANDARDS - ROPE MAKING

Chapter Heading	Standard Area	Number	Level	Subject	Performance Indicator
Tools and Technology	MST	3	I	Number and Numeration	- Understand and apply ratio, proportions and percents through a wide variety of hands on exploration.
Tools and Technology	MST	3	I	Measurement	- Estimate, use and make measurements in real-world situations. - Select appropriate standard and non-standard measurement units and tools to measure desired degree of accuracy. - Develop measurement skills and informally derive and apply formulas in direct measurement activities.
Tools and Technology	MST	3	C	Measurement	- Choose the appropriate tools of measurement - Understand error in measurement and its consequence on subsequent calculations.
Tools and Technology	MST	4	I	Physical Settings	- Observe and describe properties of materials, such as density.
Tools and Technology	MST	5	I	Tools, Resources, and Technological Process	- Choose and use resources for a particular purpose based upon an analysis of understanding of their properties, costs, availability and environmental impact. - Use a variety of hand tools and machines to change materials into new forms through forming, separating, combining processes and processes which cause internal changes to occur.
Tools and Technology	MST	5	C	Tools, Resources, and Technological Process	- Select appropriate tools, instruments and equipment and use them to process materials, energy and information.
Research	MST	2	I	Information Systems	- Systematically obtain accurate and relevant information pertaining to a particular topic from a range of sources, including local and national media, libraries, museums, government agencies, industries and individuals.
Research	MST	2	C	Information Systems	- Access, select, collate and analyze information obtained from a wide range of resources such as research bases, foundations, organizations, national libraries and electronic communications networks, including the internet.