Topic	Activity Type	Description
Technical Specifications and Engineering Drawings	Reading and Interpretation	Provide technical specifications and engineering drawings related to machine components.
Materials and Manufacturing Processes	Vocabulary Building and Discussion	Introduce vocabulary related to materials (metals, polymers, composites) and manufacturing processes (casting, forging, machining). Students discuss the suitability of different materials for specific machine parts, enhancing technical vocabulary and speaking skills.
Machine Safety and Regulations	Role-playing and Debates	Conduct role-playing scenarios where students act as engineers discussing safety protocols in a manufacturing plant.
Automation and Robotics in Machine Building	Presentation and Peer Review	Have students research and prepare presentations on the integration of automation and robotics in modern machine building.
Technical Presentations on Machine Components	Technical Presentation	Students choose a specific machine component and prepare technical presentations explaining its design, functionality, and applications
Emerging Technologies in Machine Building	Group Discussions and Writing Reports	Divide students into groups and assign each group an emerging technology (e.g., 3D printing, IoT applications). Groups discuss the technology's impact on machine building and write reports summarizing their discussion points.
Technical Documentation and Manuals	Translation and Terminology Exercises	Provide technical manuals or documentation related to machine components. Students translate specific sections, focusing on technical terminology.
Environmental Sustainability in Machine Building	Research and Presentation	Students research environmental practices in the machine building industry. They prepare presentations on eco-friendly manufacturing processes and materials.
International Standards in Machine Building	Debate and Comparative Analysis	Assign international standards related to machine building to different student groups. Groups debate the advantages and disadvantages of their assigned standard compared to others.