

Down To Earth: Mission Stellar Health

Design a Piece of Exercise Equipment

Criteria	Accomplished	Proficient	Developing	Beginning
Equipment Design	Sketch clearly labels all parts of the equipment, identifies the materials used, and includes a detailed scale. The design demonstrates exceptional creativity and innovation while using only recycled materials and common household items.	Sketch labels most parts of the equipment, identifies most materials used, and includes a scale. The design demonstrates good creativity and innovation while using mostly recycled materials and common household items.	Sketch labels some parts of the equipment, identifies some materials, and includes a scale, but it is not very detailed. The design shows limited creativity and innovation while using some recycled materials and common household items.	Sketch does not label parts of the equipment, does not identify materials, and/or include a scale. The design lacks creativity and innovation. Student did not use recycled materials or common household items.
Benefits to User	Equipment is designed to effectively target a specific muscle group, and the rationale for the choice is clearly explained. Equipment provides significant benefits to the user, and these benefits are thoroughly explained.	Equipment is designed to target a specific muscle group, but the rationale is not fully explained. Equipment provides some benefits to the user, and these benefits are explained.	Equipment is designed to target a muscle group, but it is not clearly specified. Equipment provides limited benefits to the user, and the explanation of these benefits is incomplete.	Equipment does not target a specific muscle group. Equipment does not provide any clear benefits to the user.
Accessibility	Equipment is designed with exceptional consideration for users with limited range of motion or disabilities, and the accessibility features are clearly demonstrated.	Equipment is designed with good consideration for users with limited range of motion or disabilities, and the accessibility features are explained.	Equipment is designed with some consideration for users with limited range of motion or disabilities, but the accessibility features are not fully explained.	Equipment does not consider users with limited range of motion or disabilities.
Improvement on Existing Solutions	Equipment represents a significant improvement over existing solutions, and the rationale for the improvement is clearly and convincingly explained.	Equipment represents an improvement over existing solutions, and the rationale for the improvement is explained.	Equipment represents a minor improvement over existing solutions, and the rationale for the improvement is not fully explained.	Equipment does not represent an improvement over existing solutions.