

Cybernetics Challenge

Collecting (the correct) Objects	
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A number of objects of different size, weight and shape have been observed in a bounded area on the planet's surface.

Your task, is to identify the relative weights of these objects. Then you need to 'collect' the three heaviest ones in a designated area. The weights of the objects vary greatly, although are all within the scope of being individually pushed by the Rover. The weight of each objects is not directly proportional to its volume, as different materials; wood, metal, stone for example are involved.

Procedure:

If this is the first task along the route of tasks, then your rover will be positioned pointing towards the 'field' of objects.

1. When you are instructed to, navigate to the objects, detect how heavy each one is, and make a list of weights.
2. Attempt to determine the heaviest objects and move three to the designated area as shown in the field.
3. Do not start your next task until you have confirmed that the Mission Director has recorded your team's score for this task.

Scoring:

Achievement	Score
Correct identification of weight of each block	+2
Success of moving 2 of the heaviest blocks into the required area	+2
Success of moving a 3rd block into the required area	+1