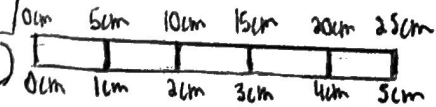


TITLE OF ASSIGNMENT: EVA INNOVATION GRAPHIC

STUDENT NAME: PRITHVI CHAKRABORTY

MASTER TEACHER NAME: DR. TYIESHA GAINNEY

SCALE: 1:5 (METRIC)



NOTES:

- FUNCTION

- PROVIDES LOCALIZED THERMAL REGULATION DURING EVA OPERATIONS
- STABILIZES AND ABSORBS EXCESS HEAT FROM EVA TOOLS AND RELEASES IT INTO SPACE

- CONTROL

- MANUALLY OPERATED BY ASTRONAUT
- NO ELECTRICAL POWER OR SOFTWARE REQUIRED

- INSTRUCTIONS

- CLAMP TO HANDRAIL
- DOLK TOOLS DURING USE

- DESCRIPTION

- PHASE-CHANGING CORE STORES HEAT
- RADIATOR FINS RELEASE HEAT
- MAGNETIC PADS HOLD TOOLS

- TRAINING

- NEUTRAL BUOYANCY TRAINING
- VR EVA SIMULATIONS AND THERMAL RESPONSE TESTS

