

# Space Trash



1



salt and  
colored paper

+



ruler

+



various sizes of  
metal washers

+



foil tray

2

Impact  
testing



tray with paper then  
salt in the corner

How to test:



3

Record  
your  
results

On the *Investigate It!* page:  
1. Write your predictions.



2. Test.



3. Record what happened.



4

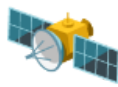
Part 2

??? What other materials can you use?



Reset

1. Clean up the salt.
2. Put all materials back where they belong.



# Space Trash



## Investigate It!

Write your predictions below. Then test and write the results.

A = A little damage

B = Some damage

C = A lot of damage

**When...**

**I predict there will be... There is actually...**

1 washer is dropped

\_\_\_\_\_

\_\_\_\_\_

2 washers are dropped

\_\_\_\_\_

\_\_\_\_\_

3 washers are dropped

\_\_\_\_\_

\_\_\_\_\_

4 washers are dropped

\_\_\_\_\_

\_\_\_\_\_

the drop is 1 foot

\_\_\_\_\_

\_\_\_\_\_

the drop is 2 feet

\_\_\_\_\_

\_\_\_\_\_

shield is cheesecloth

\_\_\_\_\_

\_\_\_\_\_

shield is felt

\_\_\_\_\_

\_\_\_\_\_

shield is foam

\_\_\_\_\_

\_\_\_\_\_

shield is foil

\_\_\_\_\_

\_\_\_\_\_

shield is an index card

\_\_\_\_\_

\_\_\_\_\_



*This material is based upon work supported by NASA under cooperative agreement award number NX16AC53A. Any opinions, findings, and conclusions or recommendations expressed in this material are those of the author(s) and do not necessarily reflect the views of the National Aeronautics and Space Administration (NASA).*

