

Mass & Weight Learning Check Study Guide

Standard assessed:

6.MS-PS2-4. Use evidence to support the claim that gravitational forces between objects are attractive and are only noticeable when one or both of the objects have a very large mass.

Skills reported on

S.6 Clearly explains thinking

S.7 Attends to detail

What to study:

- a. Understands the definition of **mass**
 - Can explain what mass measures
 - Knows why mass stays the same
 - Tool to measure mass
 - Both units for mass
- b. Understands the definition of **weight**
 - Can explain what weight measures
 - Tool to measure weight
 - Both units for weight
- c. Understands how mass affects gravitational pull
- d. Can determine and explain source of **gravity**
 - Can explain what determines your source of gravity
 - Can explain how the mass of a planet affects how strong the gravitational pull is

Study Resources:

- Mass reading slideshow (Spongebob) on website - Link #2B*
- Mass True/False worksheet - in notability - link #3B*
- How to use a triple beam balance video on website*
- Mass stations labs - Link #4*
- Weight reading and worksheet - in Notability - link #5A*
- Mass vs. weight notes in Notability - link #5B*
- Mass & Weight True/False sheet - in Notability - link #6*
- Journey through mass & weight answers - in Notability - link #9*
- Journey through mass & weight presentation on website - Link #8*

Strategies to study:

- Read over your "resources" above*
- Redo some of the worksheets (pull new blank copies into Notability to practice)*
- Extra help:*
 - Tuesday - 2:10-2:40pm*
- Study with a friend*
- Teach friend/family member topic we are studying*
- Make a song/rhyme/rap to help you remember the vocabulary*
- Make a Quizlet/Kahoot out of the vocabulary terms to study independently or with a friend*