Moon Study Guide

1. Stages in order beginning at New Moon:
2. New moon
3. **Waxing crescent**
4. **First quarter**
5. **Waxing gibbous**
6. **Full**
7. **Waning gibbous**
8. **3rd quarter**
9. **Waning crescent**
10. **New moon again**
11. Big holes on moon surface = **craters**
12. We never see this side of the Moon = **Dark Side** of the Moon
13. Waxing = **getting bigger**
14. Waning = **getting smaller**
15. When we see half of the moon = **1st quarter or 3rd quarter**
16. Crescent phase = **banana shape**
17. Gibbous phase = **more than half lit**
18. New moon = **no moon** (don’t see)
19. Full moon = **I can see fully** (not dark side)
20. Different shapes of the moon we see = **Phases of the moon**
21. How long it takes the Moon to orbit Earth = **29.5 days**
22. Why so many craters on the Moon but few on Earth? **Moon has no atmosphere, Earth’s atmosphere burns up rocks**
23. Moon and Earth similar:
24. **Both orbit something**
25. **Both reflect sun’s light**
26. **Round**
27. **Both have gravity (Moon much….)**
28. **Both made of rock**

Moon and Earth Differ:

1. **Moon no atmosphere**
2. **Earth’s orbit much longer (365 vs. 29.5 days)**
3. **No life on moon**
4. **No water on moon**
5. **Moon Much smaller – one-fourth size of Earth**
6. What if the moon were closer to Earth? **FLOODS!** Moon pulls on ocean creating tides
7. Why do we even see the Moon if it is a big dark rock in the sky? **Reflection of the Sun**