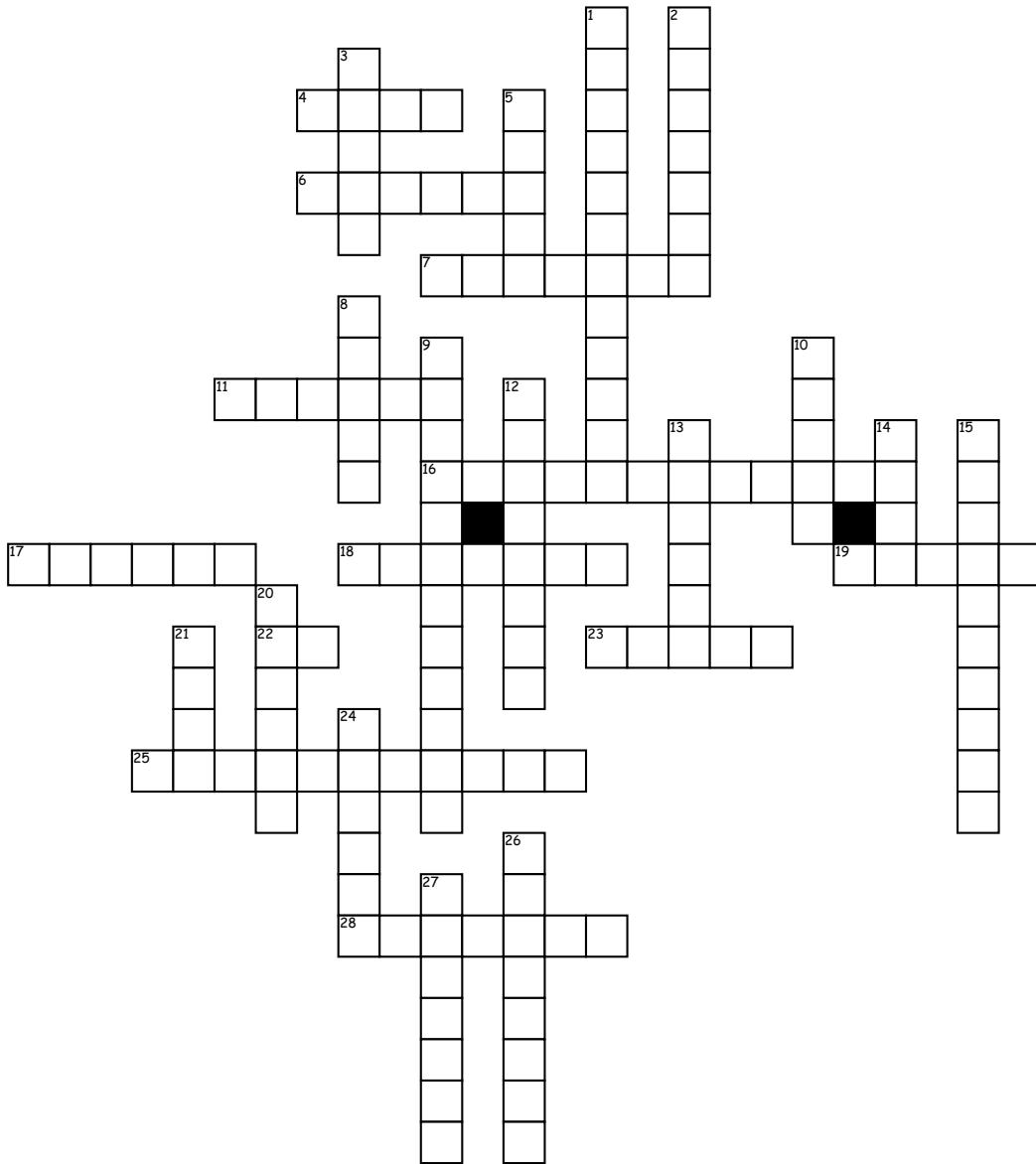


Race to Space and Beyond! (vocab/concepts since beginning of year)



Across

4. planet known for its giant volcano, Olympus Mons
 6. name of one of the first two US astronauts to land and walk on the Moon
 7. planet that is moonless, closest to the Sun
 11. name of US mission whose purpose was to eventually land men on the Moon
 16. composed of chunks of rock found orbiting the Sun, between Mars and Jupiter
 17. getting brighter
 18. point when a spacecraft makes contact with and travels through the Earth's atmosphere
 19. path taken by an object as it revolves around another object

22. distance of Earth from the Sun

23. push or pull

25. two countries that were in competition for dominance in space "firsts" during the Cold War of the 1950s and 60s

28. name of first artificial/man-made satellite sent into orbit around Earth

Down

1. phase of the Moon where the left half is illuminated
 2. invisible force that attracts objects to one another
 3. name of US lunar lander
 5. refers to the Moon
 8. refers to the Sun
 9. occurs when the full Moon appears eerily red

10. ball of frozen gases that approaches the Sun and is seen shining brightly at night with a long wispy tail (aka one of Santa's reindeer!)

12. a planet goes from day to night and back to day

13. time of year when the Sun heats the surface of the Earth the least

14. burning ball of gas surrounded by planets

15. ocean levels are at their peak when the Sun and Moon and Earth all align

20. getting darker

21. amount of matter

24. only planet with an axis tilted on its side

26. the lighter shadow part of an eclipse

27. planet known for its Great Red Spot