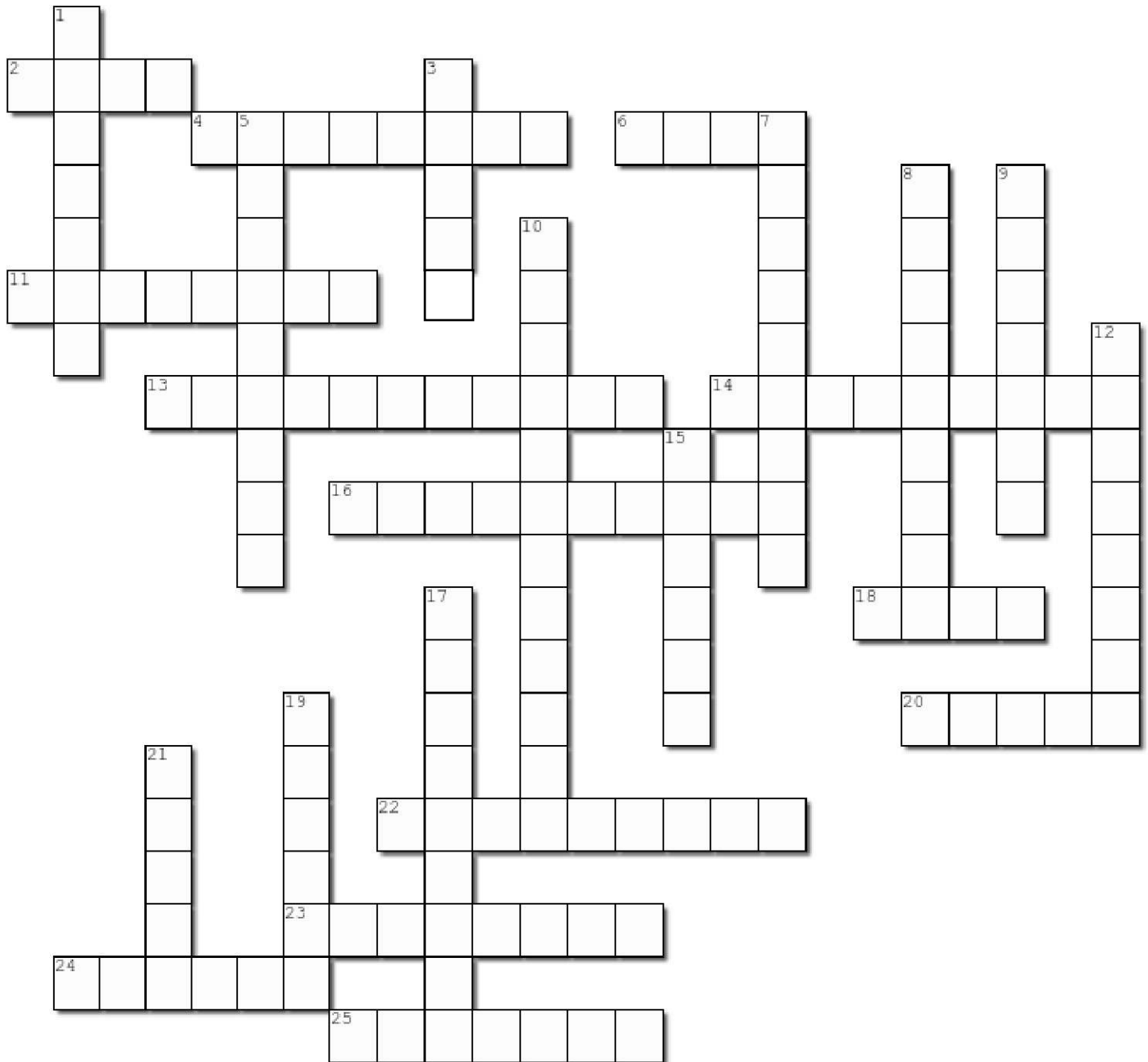


These simple crosswords do provide some marks for the course, but they mostly assist in learning. Most students also seem to enjoy them for their own value, as they can be fun. The clues are **not** difficult, even if they might not be obvious at first. The idea is that the solutions are all relevant to the upcoming module. Of course, some answers can be found with the help of Google, but that takes the fun out of solving things, and you will learn less.

Read the clues on page 2, and think carefully.....



Created using the Crossword Maker on TheTeachersCorner.net

**EASC 2150 (2023) - Learning Crossword
(mostly Module 3 Material)**

EASC 2150 (2023) - Learning Crossword (mostly Module 3 Material)

Here are the clues, coded as “Across” and “Down”

Across

2. A suddenly bright star in the night sky, which early astronomers couldn't predict (4).
4. Something that happens every month, and may sometimes also include an eclipse of our satellite (4, 4)
6. A star of this colour will burn hot and bright, but it will not exist for very long (4).
11. The largest star known in our galaxy is one of these, and our own Sun will one day become one (3, 5).
13. A controversial category of solar system object that includes a former planet and the largest asteroid (5, 6).
14. A specialized branch of science that focuses on the nature of the Universe and the mysteries of its origins (9).
16. A monumental Neolithic structure that is believed to have tracked solstices and other celestial events (10).
18. A side of the moon that doesn't really exist, although misconceptions persist (4).
20. A well-known constellation that contains the bright stars Betelgeuse and Rigel (5)
22. This is very likely the only thing that flies in the atmosphere of Mars, aside from windblown dust (9).
23. An imaginary cosmic plane that includes the Earth, the Sun and most (but not all) Planetary orbits (8).
24. What you are if your birthday is between February 19 and March 20, although the reasoning is a bit fishy (6).
25. Everything literally began with this incredibly violent and short-lived event about 13.8 billion years ago (3, 4).

Down

1. These two missions in the late 20th century gave us our first real views of the magnificent Outer Solar System (7)
3. With one clear exception, all large examples of this type of celestial object are found in the Outer Solar System (5).
5. A very familiar northern constellation associated with a large furry mammal or a common kitchen utensil (4, 5).
7. Times of equal nights that also mark the seasonal shifts that were vital to early Human farmers (9).
8. The nearest galaxy to our own, which is 'only' about 2.5 million light years away (9).
9. Earth and Mars both experience these because their rotation axes are inclined relative to their orbital planes (7).
10. A systematic trend among stars that links their colour and mass to their surface temperatures (4, 8).
12. The lightest atoms in the Universe, and also by far the most abundant atoms in the Universe (8).
15. The location of any celestial object, at any given time, is defined by precise measurements of these (6).
17. What the Universe has been doing ever since the answer to Clue 25 Across (9).
19. Attributes of our Moon that result from differences in its angle of illumination by the Sun (6).
21. Regular coastal events, typically twice each day, that are caused by the Moon, with some help from the Sun (5).

Remember that when you enter your answers online, you should fill them in using UPPER CASE letters only. Also, do not leave spaces between words. if the answer is 'Solar System', you would enter 'SOLARSYSTEM'. Watch your spelling for some words, as mistakes in spelling are marked wrong!