

# Example of Writing a Script using MEDIA FRAMEWORK

I have carried out some research (reading and internet browsing) and decided what it is that I want to explain about my topic “Phases of the Moon”. I have come up with interesting facts and have found useful photographs, videos and flowcharts. Here is a draft of outline of my narration so far:

## **MAIN IDEA**

Have you ever looked up into the night sky and wondered why the moon appears to change its shape? The changing shapes of the bright part of the Moon that we see from earth are called phases and they make up the Lunar cycle.

## **ENGAGE**

It is important that you understand the lunar cycle because the moon changes every night and you will find it fascinating to watch the changes and you can explain to others and predict the changes if you understand why it happens. So what causes these phases? Why do we see different shaped moons in the sky? The answers to these questions have to do with the earth, moon and sun; and their movement and positioning in relation to one another at different points in time.

## **DETAIL**

There are eight phases make up the Lunar Cycle. Each phase is named after its size. As the moon grows bigger it is said to be waxing and as it gets smaller it is referred to as waning.

- The first phase is the new moon, this is when we cannot see any light being reflected off the moon at all.
- The second phase is the waxing crescent. Here the lit up part of the moon begins to grow. We see less than a half of one side of the moon illuminated.
- The third phase is the first quarter. This is when we see a full half of the moon lit up.
- The fourth phase is the waxing gibbous, Here we see more than one half of the moon illuminated.
- The fifth phase is the full moon, when the whole face of the moon is in view from earth.
- The sixth phase is the waning gibbous, here the illuminated part of the moon begins to shrink in size and we see more than a half of one side of the moon illuminated.
- The seventh phase is the called the last quarter. This is when we see the last half of the moon illuminated
- The 8<sup>th</sup> and final phase is the waning crescent. Here we see the last visible part of the moon before it finishes its cycle and starts again with the new moon.

The earth orbits the sun and while it is doing that, the moon orbits the earth. It takes approximately 29.5 days for the moon to orbit earth and complete a full cycle of phases. As the moon orbits the earth, the sun shines light on the moon. We see the bright parts of the Moon's surface at these different angles because of the position of the moon in relation to the sun as it orbits the earth.

## **ILLUSTRATE**

This relationship between the phases of the moon and the position of the earth and sun is further demonstrated by this diagram. As you can see, the part of the moon that is facing the sun is lit up, whereas the part facing away from the sun is in darkness. Take a look at the new moon. During this phase, from earth we do not see any moonlight. This is because as you can see, the moon is on the same side of the earth as the sun and hence the light that is being illuminated on the moon by the sun is not visible from earth. However, when the moon is on the opposite side of the earth to the sun, as shown here by the full moon, nothing is blocking the view of the moon's light and so that's why from earth during this part of the lunar cycle, we are able to see a the fully illuminated side of the moon.

## **APPLICATION**

Having now explored elements of the lunar cycle, hopefully the next time you look up at the night sky you will have a better understanding of the Phases of the moon. If you keep a record of the phases of the moon each night for a month you will be able to document the full lunar cycle.