

# Upper Key Stage Two Forest and Elveden Academy

## Knowledge Organiser: Final Frontier

- I am learning to.....
- Understand the significant Historical event of the first Moon landings.
- Undertake Fieldwork in the Local area and understand land-use in the locality.



## Man on the Moon

### The Apollo 11 Mission

#### The Crew

The crew of the Apollo 11 mission was made up of three American astronauts: Neil Armstrong, Buzz Aldrin and Michael Collins. Michael Collins never actually set foot on the moon, as he was in charge of flying the command module, which would take the crew back home to earth. Buzz Aldrin's job was to fly the lunar module, which landed on the moon. Neil Armstrong was the commander of the mission and the first man to set foot on the moon.



#### Lift Off!



On the 16<sup>th</sup> July 1969, the crew climbed into an enormous rocket, called the Saturn V. The rocket was made up of several sections, and was taller than a football field. In order to get the rocket out of the earth's atmosphere and into space, it had to travel at over 6000mph. Different parts of the rocket broke off until only the 'payload' section remained.

#### "The Eagle Has landed!"

The moon is over 385,000km away, and it took the crew four days to travel there. The Lunar module, nicknamed the 'eagle', landed on the moon on 20<sup>th</sup> July 1969. Michael Collins stayed in orbit, flying around the moon. When Armstrong first stepped onto the moon he famously said: "That's one small step for man, one giant leap for mankind." Armstrong and Aldrin walked on the moon for around two hours. They planted the American flag and collected some rocks to take back to earth for scientists to investigate.



**"That's one small step for man, one giant leap for mankind"**

#### Journey Home

After nearly a day on the moon altogether, Armstrong and Aldrin flew the lunar module and joined up with Michael Collins, in the command module. The astronauts then began their journey back to earth. Three days later, on July 24<sup>th</sup>, the crew re-entered the earth's atmosphere, and landed safely in the Pacific Ocean.

#### Heroes

Over 600 million people had watched the moon landing on their televisions. When the astronauts arrived back on earth they were treated like heroes and celebrated by people all over the world. In 2011 Neil Armstrong, Buzz Aldrin and Michael Collins were given the Congressional Medal of honour: the highest awards for civilians in the USA.

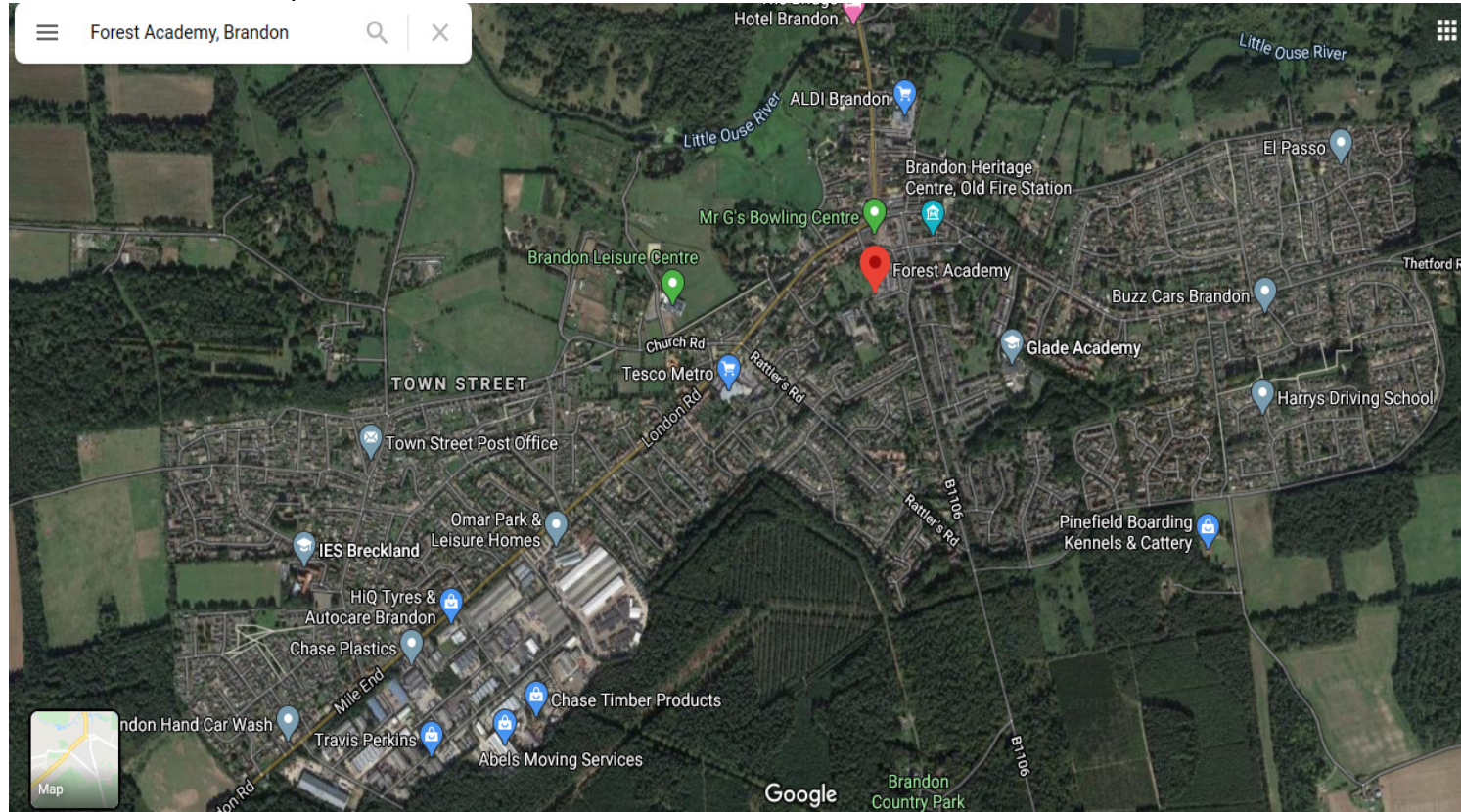
#### Key vocabulary:

Vocabulary	
<b>Apollo 11</b>	The name given to the overall mission to land on the moon.
<b>Crew</b>	The team who are taking part in the mission
<b>NASA</b>	An American organisation which explores space. NASA stands for the National Aeronautics and Space Administration
<b>Saturn V</b>	The huge rocket that sent the astronauts into space.
<b>Module</b>	A small part of the spacecraft, with a particular job (for example, landing on the moon).
<b>Space Race</b>	The USA and the USSR (now Russia) were racing to be the first country to put man on the moon.
<b>Lunar Module</b>	The spacecraft that actually landed on the moon. (Luna is Latin for the moon).
<b>Command Module</b>	The spacecraft that orbited the moon, and took the crew back to earth.
<b>Quarantine</b>	Keeping someone locked away from other people in case they have germs or a disease others could catch.
<b>Pacific Ocean</b>	The largest ocean in the world
<b>Sea of Tranquility</b>	A large, dark area of the moon, in which the astronauts landed.



## Brandon Locality

Below is a Satellite Map Reading of Brandon Town. You can see it is a linear settlement built up along the edge of the major roads which intersect in the Town. The town is a rural one, surrounded by both Thetford Forest and open farmland (the lighter green shown). The three Schools in the Town can be shown as can some of the local amenities. Less clear here, since it's a small river, but labelled in blue is the Little Ouse River which runs parallel to the northern boundary of the town.

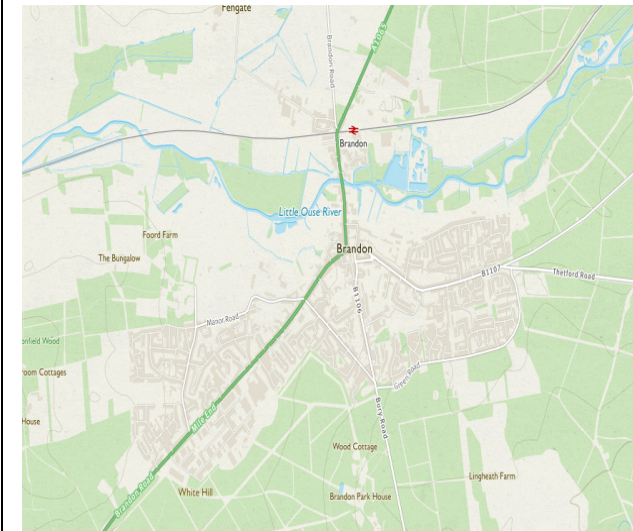


## Key vocabulary

intersect	When something crosses something else.
Linear Settlement	A group of buildings formed in a line often along roads.
Ordnance Survey (OS)	The name of the National Mapping Agency for Britain.
Satellite Map	A map made of images taken from a Satellite.

## Brandon Locality

This Ordnance Survey (OS) map shows the Town of Brandon in North West Suffolk. The Little Ouse River is visible as is the train-station which is marked with the Station symbol. Both London Road and the B1106 – which is locally known as Bury (St Edmunds) Road intersect in the town. You can see the Town is surrounded on the East and South by Thetford Forest.



Maps often have Keys so people reading the Map can understand what each part means.

OS Map Symbols						
Railway Station	Level Crossing	Motorway	Trunk or main road	Footpath	Bridleway	National Trail/Long Distance Route/Recreational Route
Camp site/caravan site	Viewpoint	Picnic site	Access information point	Building of historic interest	Recreation/leisure/sports centre	Museum

