



Air 3

1	<p>Know the main parts of an aero plane</p> <ul style="list-style-type: none">list the main parts of an aircraft by marking the names on a diagram:<ul style="list-style-type: none">Fuselage / BodyCockpitWingTail/ FinTail plane.Engines.UndercarriageProp						
2	<p>Know and explain the rules of safety around an aero plane.</p> <ul style="list-style-type: none">how to behave around an aircrafthow to approach ithow to observe movementthe areas to avoid front and backfollowing the instructions of the pilot and the Scouter in charge						
3	<p>Build a scale model aircraft to a satisfactory standard from a plastic kit and can explain its features and history.</p> <ul style="list-style-type: none">present a model he/she has built for a kit; this may be a personal choice or a suggested model.explain its features and have undertaken some research into the history and service of this type of aircraft.						
4	<p>Discuss the first flight by the Wright Bros</p> <ul style="list-style-type: none">do some research and be able to discuss the Wright Brothers impact on air travel <p><i>Notes:</i> www.eyewitnesstohistory.com/wright.htm</p>						
5	<p>Name the planets in our Solar System.</p> <ul style="list-style-type: none">know what order they come in relation to distance from the Sun. <p><i>Notes:</i> www.NinePlanets.org</p>						

6	<p>Discuss why communication is important to aircraft.</p> <ul style="list-style-type: none"> display knowledge about how important communications are in air flight. Air traffic control, communication of position, flight plans etc. should be mentioned. 						
7	<p>Know the phonetic alphabet.</p> <ul style="list-style-type: none"> know the phonetic alphabet used in radio communications, i.e. Alpha, Bravo, Charlie, Delta, etc. 						
8	<p>Discuss Hot Air Balloons with my Scouter</p> <ul style="list-style-type: none"> how hot air balloons work and how to control them discuss all aspects of hot air balloons. This can be done with the use of models. understand the principle of hot air balloon flight. <p><i>Notes:</i> www.HowStuffWorks.com/Hot-Air-Balloon1.htm try the Irish Balloon Association for more info</p>						
9	<p>Know the main points of 'Leave no Trace' and why it's important at airports.</p> <ul style="list-style-type: none"> demonstrate an understanding of these key points in a practical way in a camp situation: <ul style="list-style-type: none"> Dispose of waste properly. Respect farm animals and wildlife. Minimise camping impact and the effects of fire. Be considerate of others. Travel and camp on durable surfaces. Leave what you find Plan ahead and prepare. In addition to the points above, have a special understanding of the dangers to aviation of having waste material or other items blowing around an airfield where they may get sucked into engines, block air intakes or otherwise cause damage to aircraft (Foreign Object Debris (FOD)). Food waste in particular may attract birds which represent a particular hazard to aircraft operating near to the ground. 						
10	<p>Know the difference between airside and landside.</p> <ul style="list-style-type: none"> explain how a modern airport is laid out. know the necessary precautions and procedures that are required in each area. 						