

Week beginning 15th June	Make a paper helicopter and investigate
Starter	Talk to someone in your house about the first 7 slides of the presentation and discuss the questions posed. Think carefully about all the things you know that fly, think about how they all fly (think back to seed dispersal, as it's not just machines that fly).
Parent	These objectives are taken from the National Curriculum and give an idea of some the skills your child needs to be showing during this activity. If you are able to, please encourage thinking skills here and pose some questions that help support and develop scientific thinking skills: • <i>asking simple questions and recognising that they can be answered in different ways</i> • <i>observing closely, using simple equipment</i> • <i>performing simple tests</i> • <i>using their observations and ideas to suggest answers to questions</i> • <i>gathering and recording data to help in answering questions</i>
Activity with your child	Activity Your task this week is to investigate, this means trying something and then changing a part of something to see what changes. When we change variables (parts) of the design or plan, it can affect the outcome and what we see. Follow through all the parts of the slides and complete the recording sheet as you go. There is an extra page at the end of the report sheet, where you can note down, or draw, anything that surprises you as you investigate. Make as many paper helicopters as you want to, try as many different variables, and if you can think of your own things that you would like to change and investigate that would be wonderful. BE VERY CAREFUL WHEN CUTTING - it is important to get the shape and cuts accurate, so you may need to ask an adult or an older brother or sister to cut for you to make sure it is accurate as this will affect how your helicopter flies and may end up making it an '<u>unfair test</u>'. When you change one variable, the others have to remain exactly the same to make it a '<u>fair test</u>'. This can be tricky, so it's okay to ask for some help here. <i>We would love to see a video of you making, dropping or investigating with your helicopters. You could even send us in a video of your report at the end explaining what you changed and how it affected your helicopter. <u>As a minimum please return the sheet so we can see your recording and the data you gathered.</u></i>