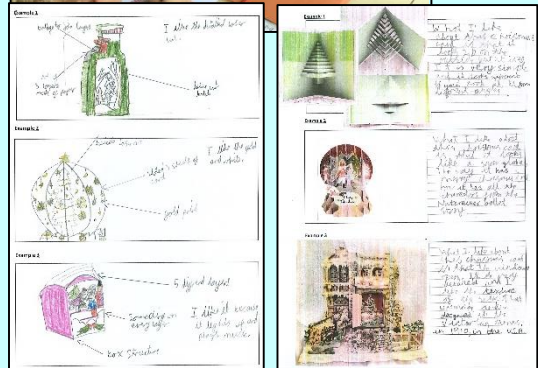


Year 3  
Autumn Term  
DT Project

For our DT project this term, Year 3 were given a brief to research, design, make and evaluate a moving Christmas card with a pneumatic mechanism.



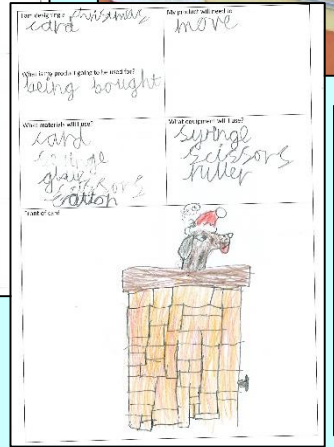
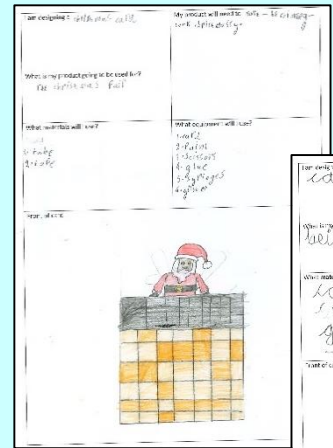
Although we couldn't find any similar products on the market, we thought about elements of other cards that we liked and incorporated these into our designs.



The first stage of the process was research. We began this by recapping the skills learnt in Year 2 on sliders and levers, before doing market research on existing products. Another key part of our research process was understanding how pneumatic mechanisms work through the transfer of air.



During the make stage of the process, we used our problem solving skills to overcome design flaws and our evaluation focused on what went well and what we would improve if we made them again.



When it came to making our products, we decided to draw on the skills we learnt during our art project such as watercolour painting and printing using carbon paper.

