



Activity Title:

Teddy's Ambulance		
Area of Learning:	Resources:	
Expressive Arts and Design	Construction toy sets with wheels Small boxes	
 Safely use and explore a variety of materials, tools, and techniques, experimenting with colour, design, texture, form, and function Share their creations, explaining the process they have used Make use of props and materials when role playing characters in narratives and stories. 		

Introduction:

Ask the children if they have seen an ambulance before? What is it for?

Explain that someone had to design and build an ambulance. There are people whose job it is to design and build new things. Show the children a teddy or a toy with a small bandage on it. Say it needs to go see a doctor to help it get better. Explain that you are going to challenge them to design and build an ambulance that could take any poorly toys to the doctors. Show them the materials / kits they will have access to, demonstrate how they could be put together.

	Differentiation:	
Activities and Experiences:	Support:	Extension:
Talk to children about what they could make, how they could make it (planning). Children will use craft materials and construction toys to create a model ambulance that can carry a small teddy or toy. This could be a moving toy, or a model. For moving models, test the design to see how far the ambulance goes when pushed down a ramp. Does the toy stay in the ambulance as it moves?	Support with giving ideas, helping with cutting / tearing tape.	Ask children to evaluate their design – what is good? What might they do differently next time? What features could they add to their model that would help the toy?

Conclusion / Plenary:

Why?

Encourage play with their models – play taking the teddy / toy to the doctors to get better. What do they find as they play?

Does the design work well?



Key Vocabulary	Key Questions:
Ambulance, doctor, ill, design, plan, make, build, move, carry, transport, drive, furthest, safe	 Can your ambulance move or roll down a ramp? Can it carry a toy / teddy? How many fit in it? How did you come up with your ideas? What makes it a good design? Can you think of anything that would make it better? Why would that make it better?

Careers in the Curriculum:

Cambridge LaunchPad is a collaboration of Greater Cambridge science, technology, engineering and maths (STEM) organisations, who invest their talent and resources to inspire school children and young people into STEM careers. Our Industry Partners and School Partners are at the heart of the programme experience. By connecting education and employment, we can showcase the diverse range of careers and education pathways into STEM industries and meet the growing demand for a skilled workforce in the Greater Cambridge region. Cambridge LaunchPad is a three-tiered scheme, made up of Stars, Innovators and Scholars, designed to suit students from Year 4 to the end of Year 12, at key points of their decision making – from primary school, to before selecting GCSE options, and to finessing advanced-level experiences.

Partner Profile:	CAMBRIDGE DESIGN PARTNERSHIP	
Name:	Cambridge Design Partnership	
Web Address:	<u>www.cambridge-design.com</u>	

Partner Summary:

(What are the primary activities of the partner? What industry sector are they? Where do they operate? What are key products / outcomes?)

Cambridge Design Partnership is an end-to-end innovation partner, propelling global brands and ambitious start-ups to success.

We build breakthrough products and services – from insight to ideas, prototypes to production – bringing innovation to life. Our teams are multi-disciplinary, uniting scientific rigor, design ingenuity, and engineering excellence for consumer, healthcare, and industrial clients.

People-cantered, deeply collaborative, and – above all – expert, we're uniquely positioned to shape the future for consumers, patients, and industry. Even our ownership model is innovative: We're 100% owned by our employees, ensuring an open culture and a total commitment to your project's success.

One partner. No barriers. Extraordinary results.

