

Design Technology

LO: To design a desk tidy for Ms Smith

Design Brief

Ms Smith needs a desk tidy!

At the moment, the pencil pot on my desk does not meet my needs. I regularly end up with pens and stationery all over my desk because I don't have anything useful to put them in; the highlighters fall below the rim, making them difficult to retrieve, and it's very overcrowded.

- I need somewhere to store my marking pens, highlighters, pencils, paperclips, BluTack and drawing pins.
- It should be sturdy and look attractive.
- Think about colours, designs and styles that I might like.

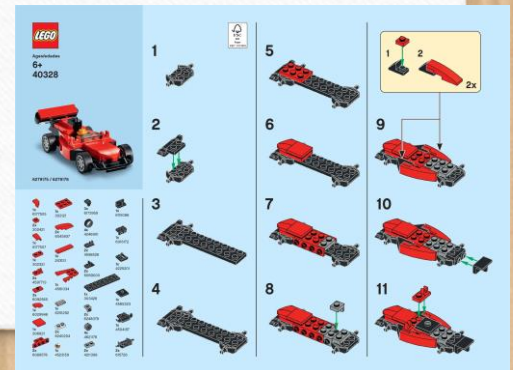
Research

- What do you think about existing designs of desk tidies?
- Which elements do you like? Or dislike?
- What do you think you could improve upon?
- What do you think would suit Ms Smith best?



Design

- What materials do you have available to make it with? You could use card, other recyclable materials (think about kitchen packaging) or even Lego!
- Think about the how you will organise the different pens etc. Think about the sizes they are.
- Don't forget to annotate your design to show this information.
- Include exploded diagrams to show additional details or joining methods.
- **Year 5 and 6** – ensure you include a step by step plan for construction (think Lego instructions).



Make!



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- Follow your plan to construct your desk tidy.
 - If you are using glue or tape, think carefully about the quantity you are using and how it will look.
 - Don't forget to send me a photo!

Evaluate – year four

- What went well? What didn't?
- What do you like most about your product? Why?
- How does your product compare to your design? Did you have to make any changes to your design? Why?
- Does your product meet the criteria set out in the design brief?
- If you were to make it again, what changes would you make? What would you do differently? Why?

Evaluate – year five

- Explain how your final product would appeal to Ms Smith.
- Evaluate your product's appearance and function against the design brief.
- How was it to build? What went well? What didn't? Why?
- How effective are the materials that you've used for construction?
- What could be improved about your desk tidy? How?

Evaluate – year six

- Evaluate your product against the design brief.
- Explain how you have met the design brief and the steps you have taken to ensure it appeals to your audience (Ms Smith!).
- Did you encounter any problems? How did you overcome them?
- How effective was your design/plan in supporting you in the construction of the desk tidy?
- What is your favourite feature of your product? Why?