


## KNOCKOUT DESIGN

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## How-To Instructions

1. Open CadworxLIVE®.
2. Import/create clipart/text for project.  
 **Pro Tip:** select/create clipart with minimal detail in a solid color.
3. Duplicate text; change the color of the duplicated text to make it easier to distinguish between the two elements.
4. Move the duplicated text off to the side of the artboard.
5. Drag clipart that will be knocking out text over the original set of text; make sure the clipart is in front of the text (right click, choose "To Front").
6. Make sure clipart is centered over text by selecting both elements, select "Align" from the dropdown menu, click on "Center Middle."
7. Select both text and clipart (if not still selected from step above) and click "Shaping" from the dropdown menu, then "Back Minus Front."
8. Move clipart from text to show that the shape of the clipart has been punched-out.
9. Double-click the punched-out text.
10. In the Editor dialog box, "Add Effect" to add a small contour to the shape.
11. Change "Offset" to 0.01, click "Okay."
12. Select copied text from Step 3 and place it behind the punched-out shape.
13. Select both elements (punched-out text and copied text).
14. Select "Align" from the dropdown menu and choose "Center Middle."
15. Select both elements (if not still selected from step above) and click "Shaping" from the dropdown menu, then "Back Minus Front."
16. Separate the text and the knock-out element.
17. The design is ready to be cut on the vinyl cutter.



**Pro Tip:** Add personalization (name or number) to increase profitability.