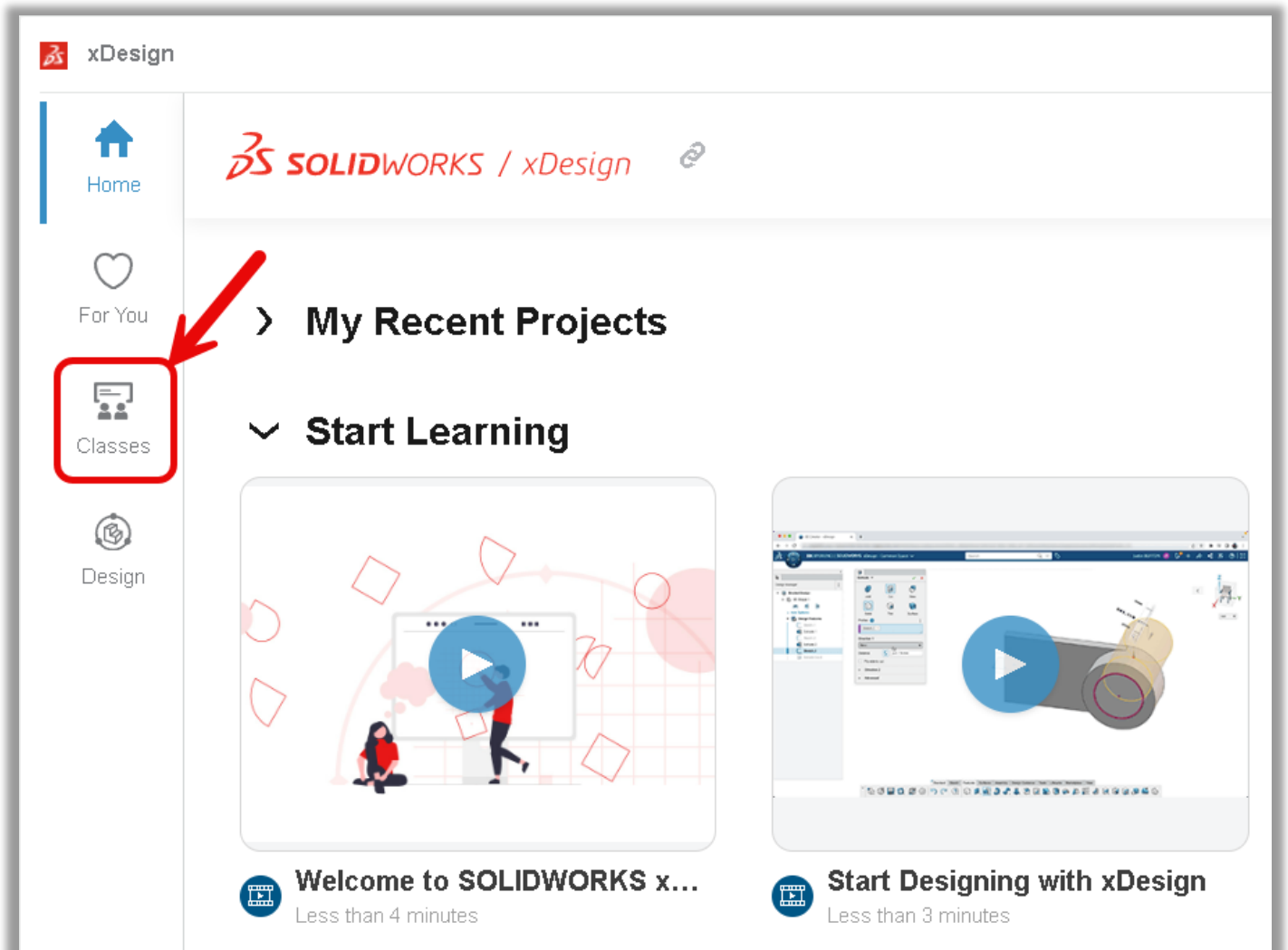
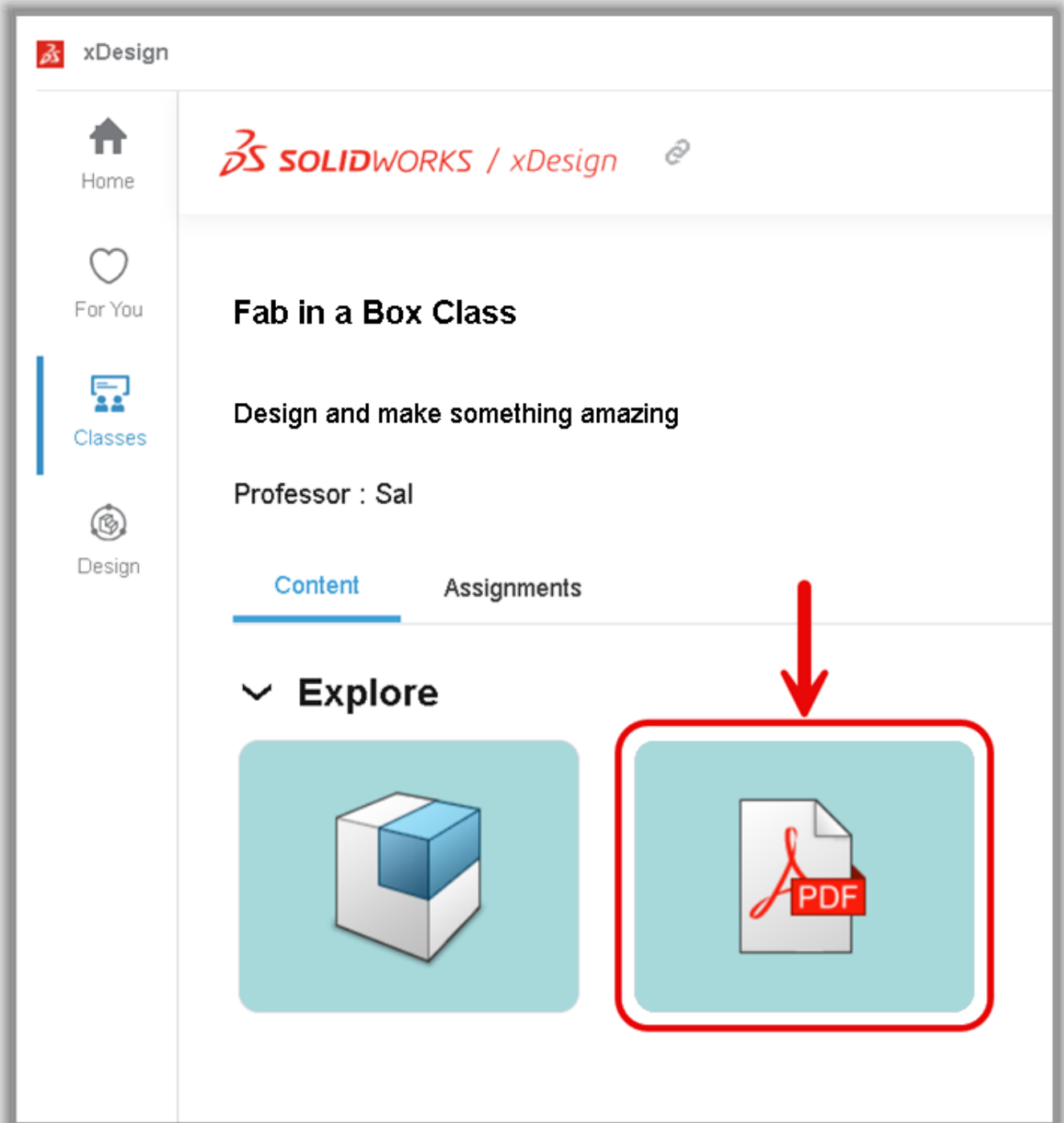


Design and fabricate a custom pop-up name tag.

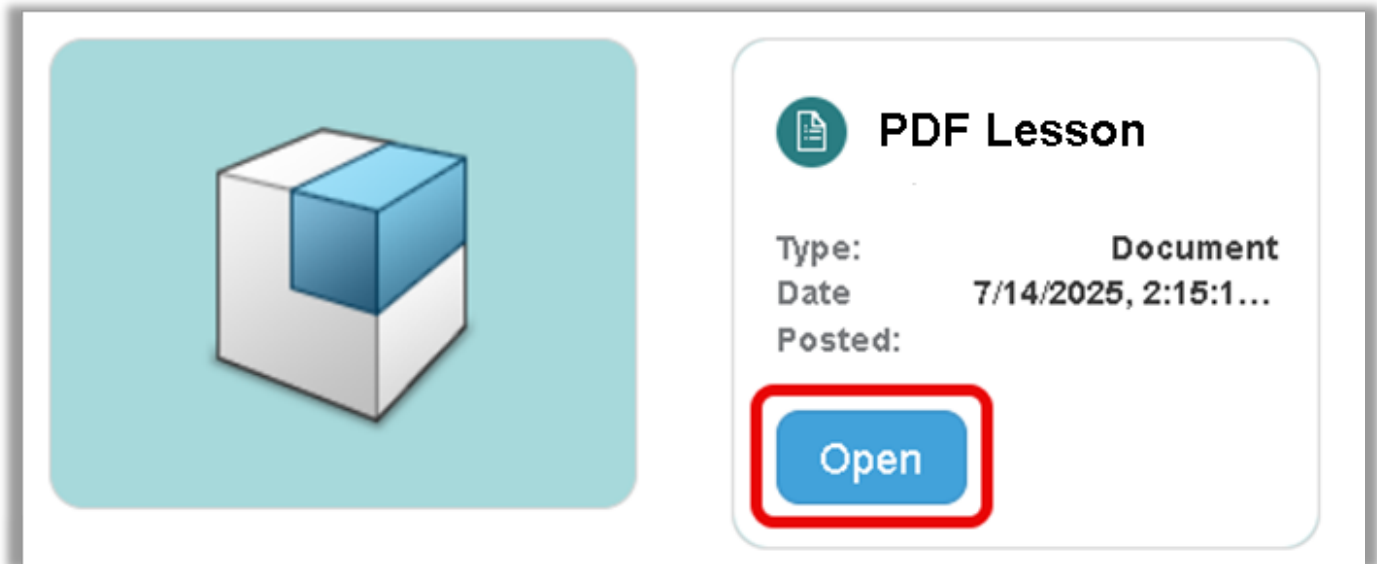
1. Click the **Classes** tab



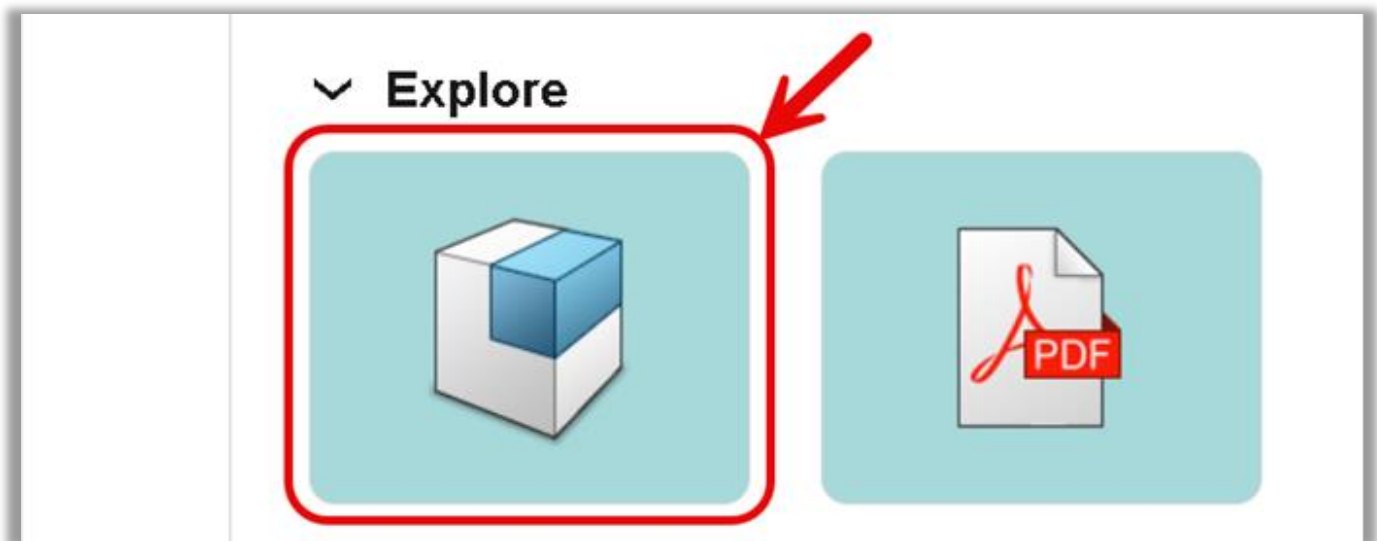
2. Hover over the PDF tile



3. Click **OPEN**



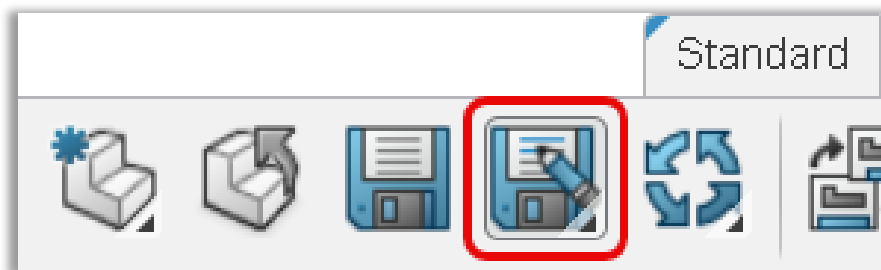
4. Hover over the “Paper Pop-ups - Cutting and Creasing Pop-up Nametags” tile



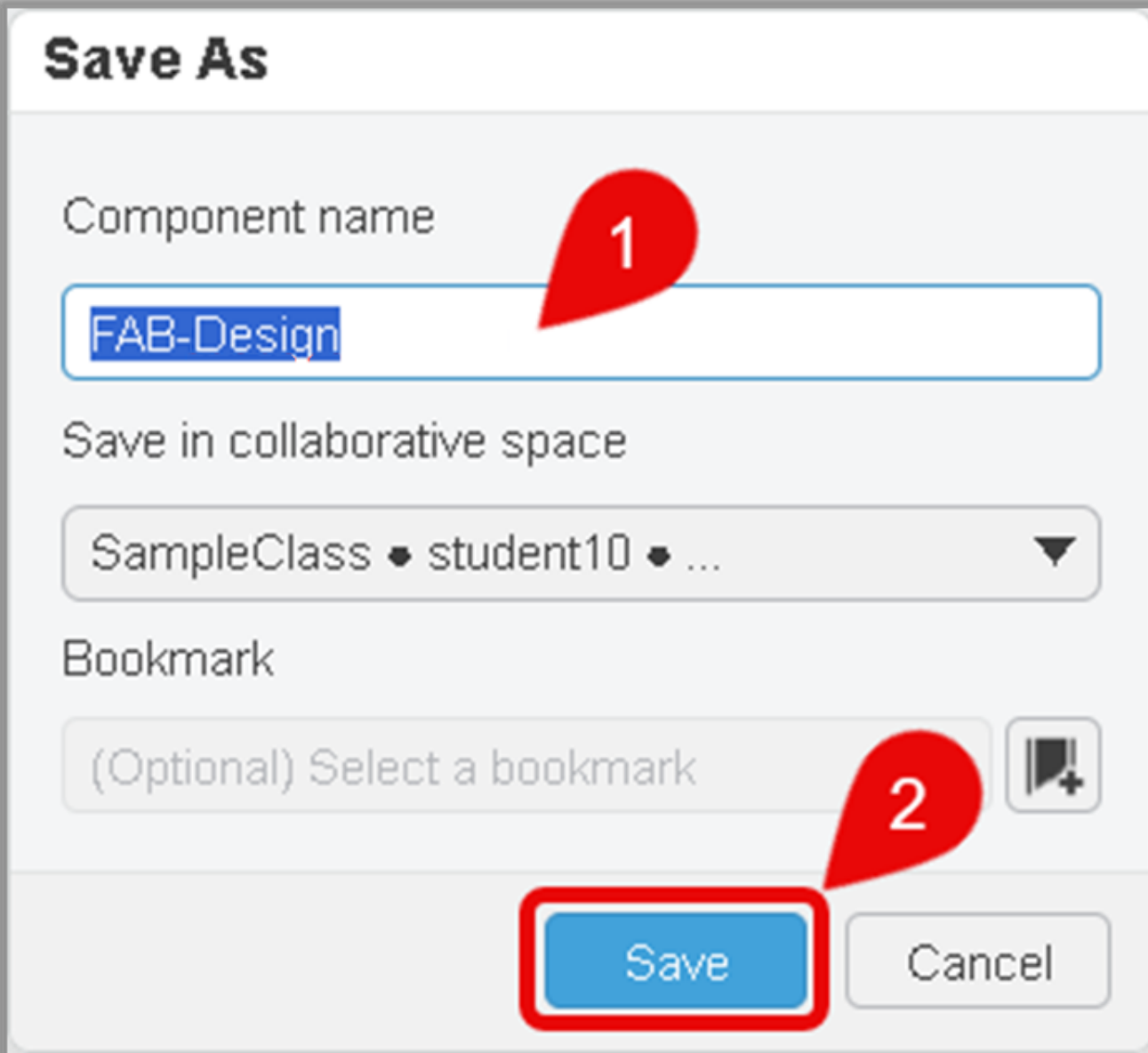
5. Click **OPEN**



6. Click **Save As** on the Standard tab of the Action Bar



7. [1] Type a name for your design, then [2] click **Save**



Save As

Component name

FAB-Design

Save in collaborative space

SampleClass • student10 • ...

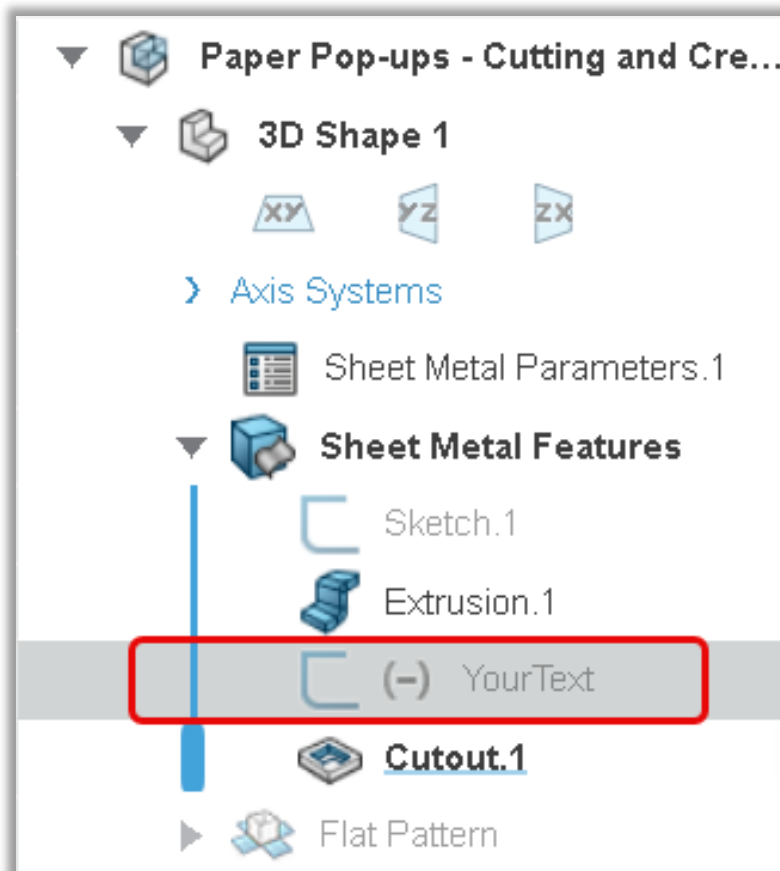
Bookmark

(Optional) Select a bookmark

Save Cancel

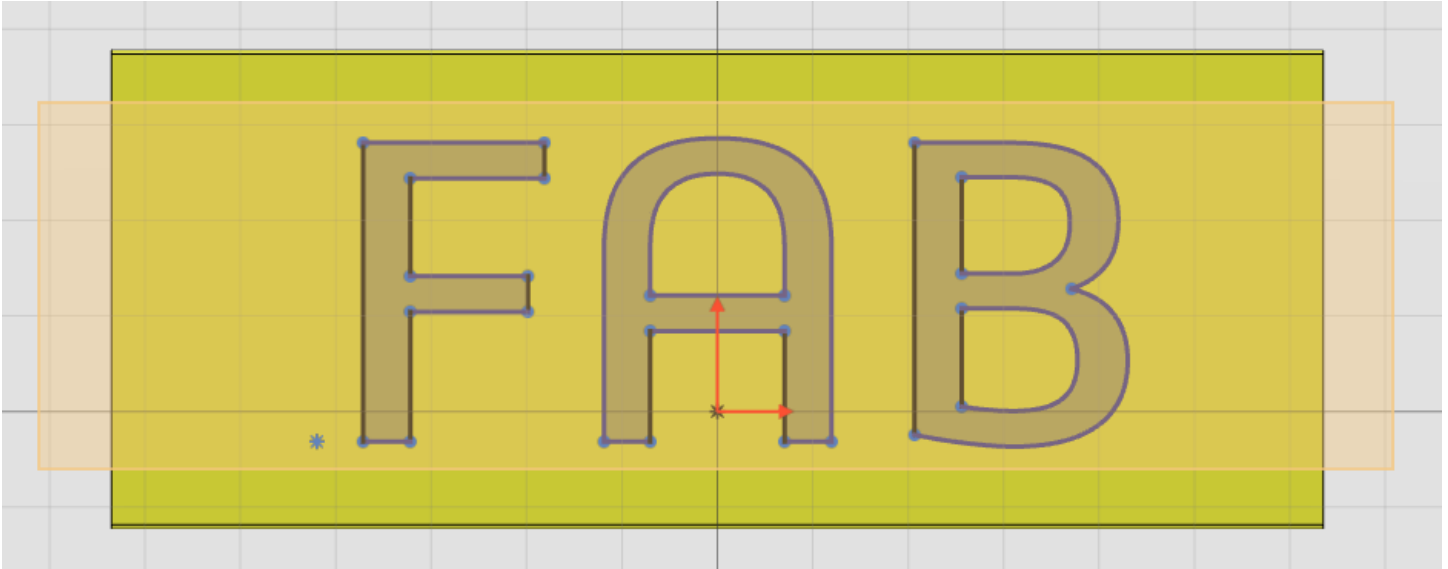
The image shows a 'Save As' dialog box. A red teardrop callout with the number '1' points to the text input field containing 'FAB-Design'. Another red teardrop callout with the number '2' points to the 'Save' button, which is also highlighted with a red rectangular border. The dialog includes a 'Component name' label, a 'Save in collaborative space' section with a dropdown menu showing 'SampleClass • student10 • ...', and a 'Bookmark' section with a text input field and a bookmark icon.

8. Double-click the “YourText” sketch in the Design Manager



9. Press “N” on the keyboard to look normal to (straight at) the sketch

10. Drag a box around the word “FAB” to select it

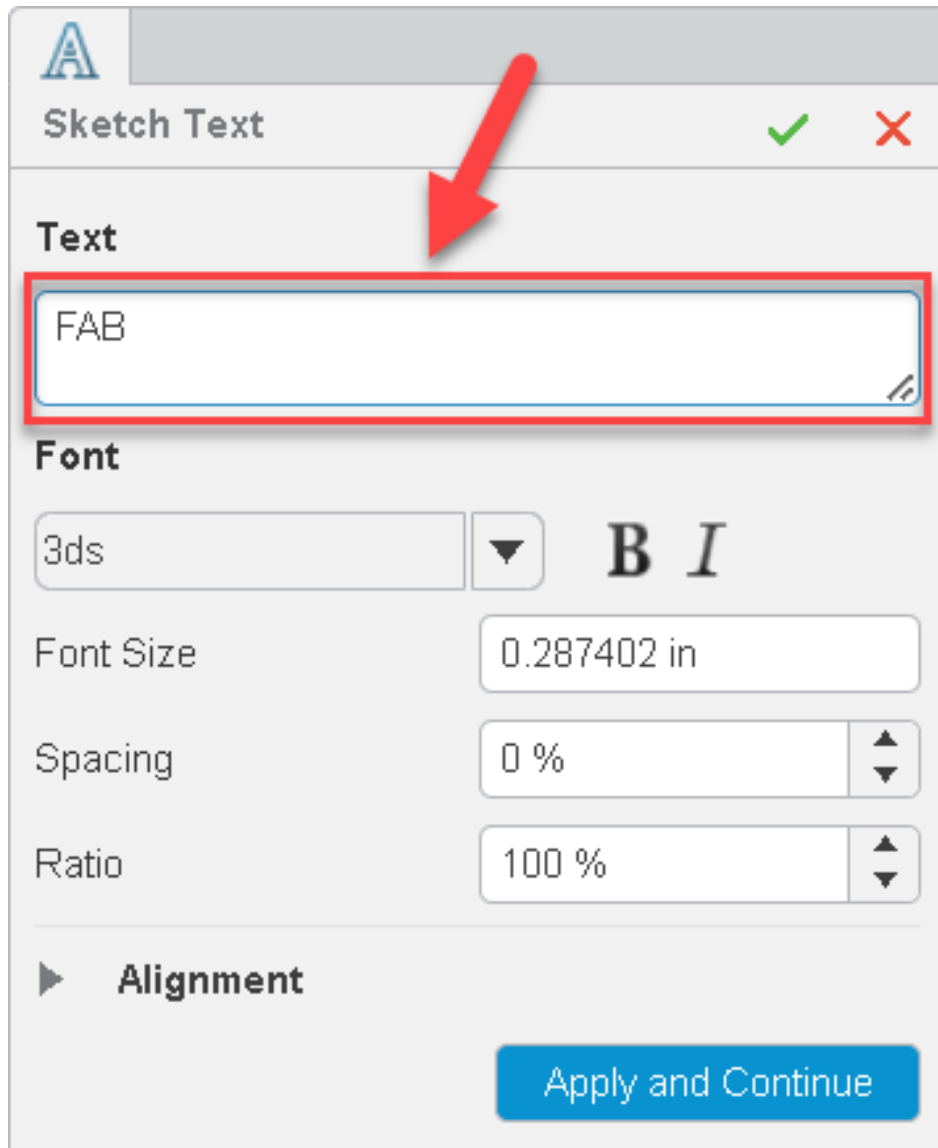


11. Press “Delete” on the keyboard.

12. Click the “Text” command on the keyboard



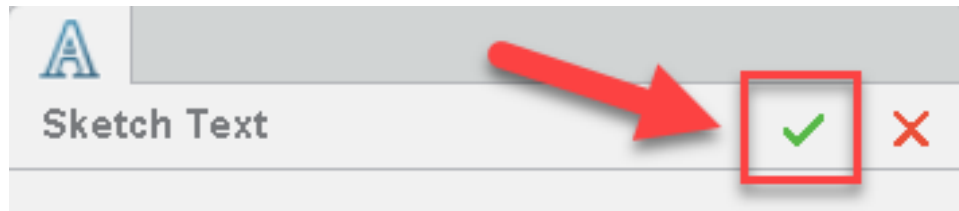
13. Type your initials into the Text box



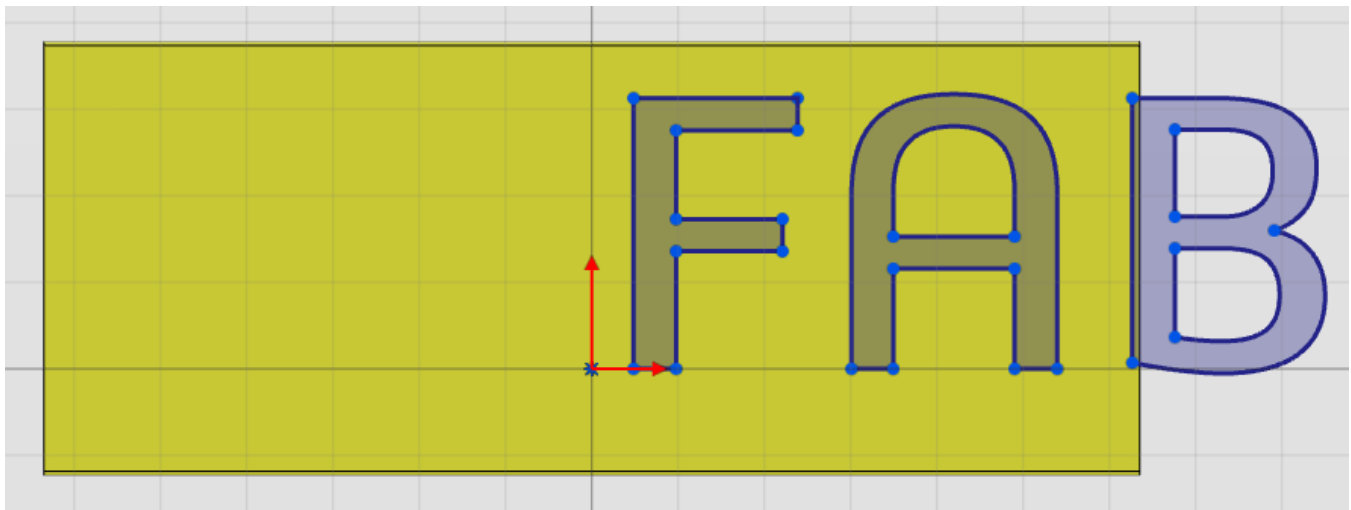
14. Move your mouse around the screen and notice how the text follows.

15. Experiment with the font type, size, and more, moving your mouse around the sticker to make sure it'll fit the way you want.

16. Click the “OK” checkmark at the top of the dialog



--- Notice that the text appears at the origin

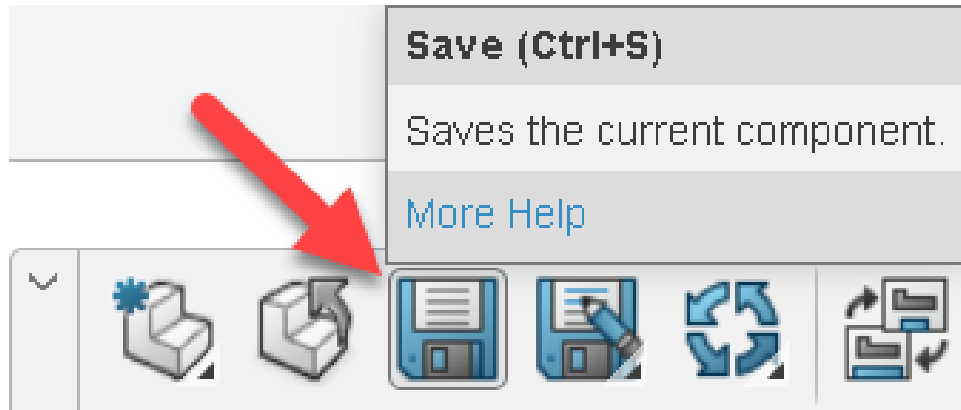


17. Drag any point on the text to reposition it to where you want

18. Click the “Accept Sketch” button to update your pop-up nametag

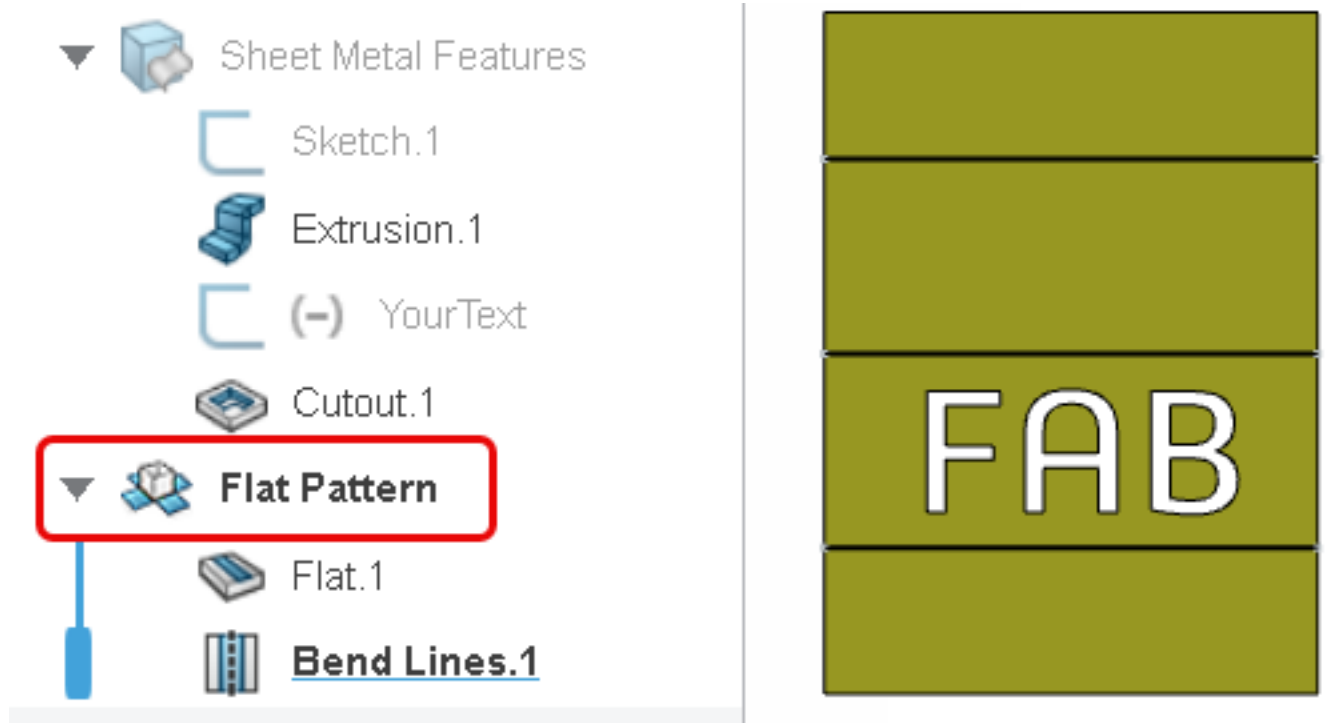


19. Click “Save” on the Action Bar to save your pop-up nametag

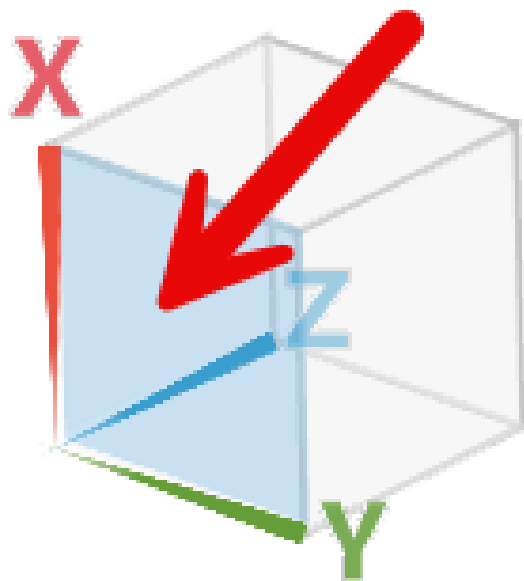


FABRICATE YOUR POP-UP

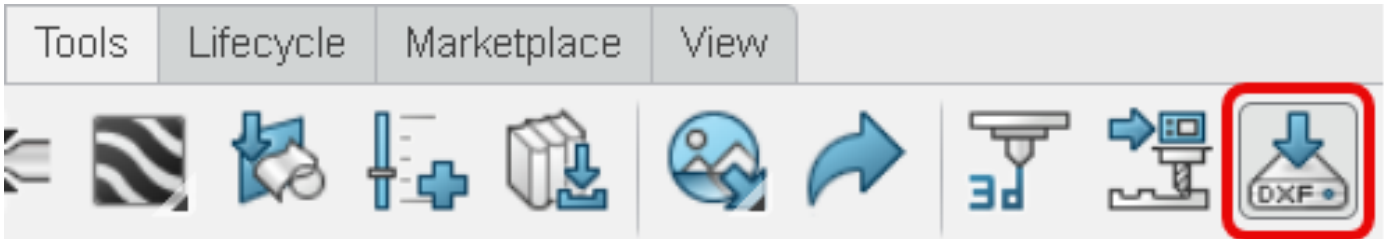
1. Double-click the “Flat Pattern” node in the Design Manager



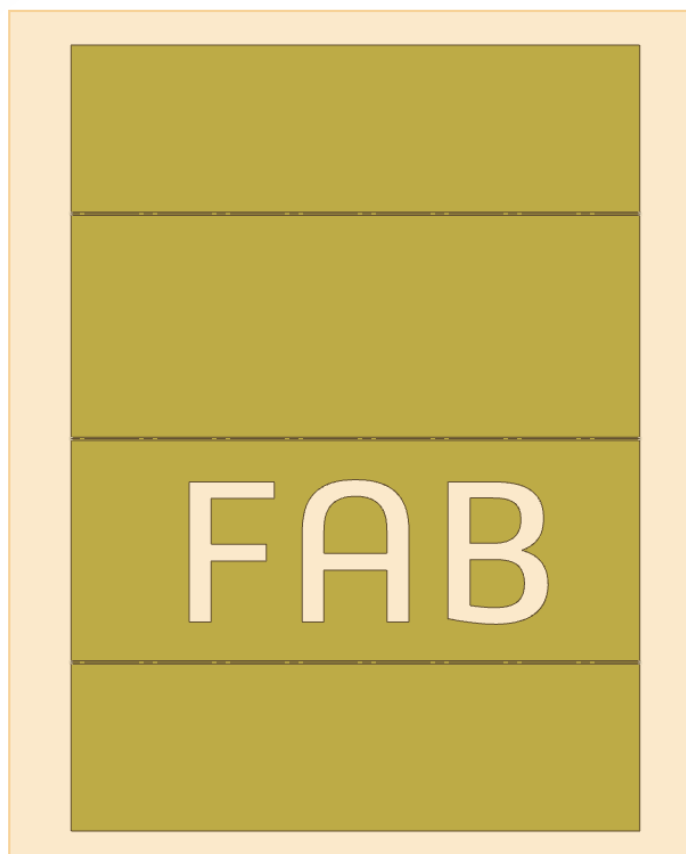
2. Click the “XY” face of the view cube to look straight at the flattened view



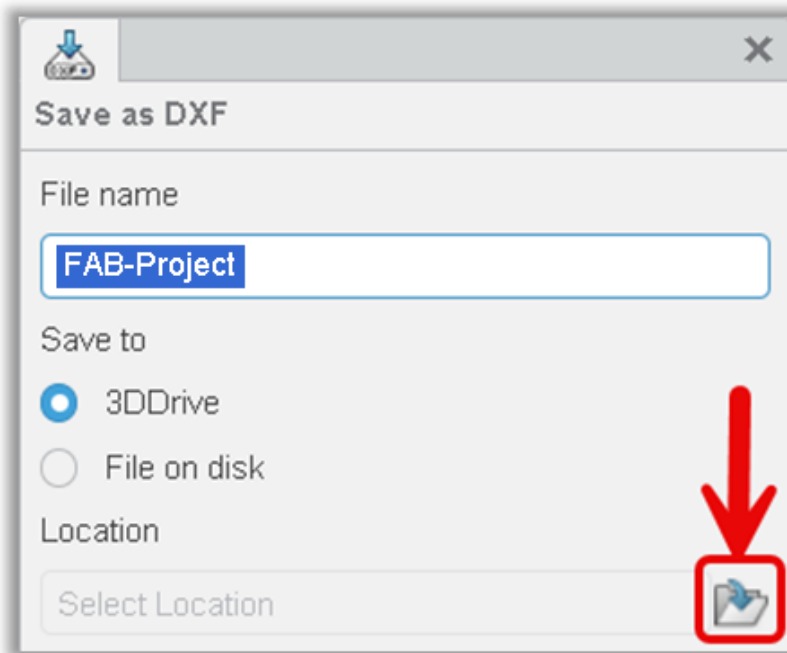
3. Press “F” on the keyboard to fit the model to the screen
4. Click the **DXF** command on the Tools tab of the Action Bar



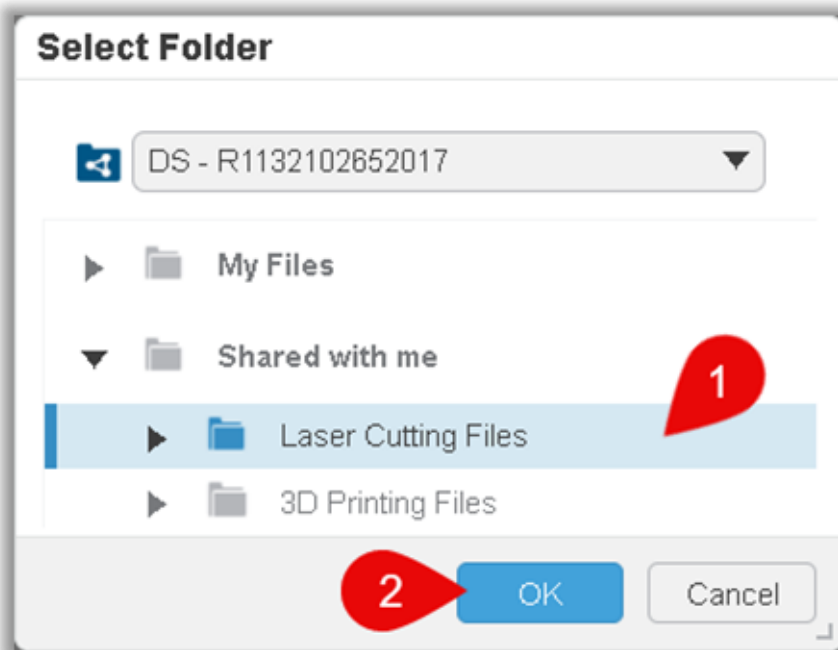
5. Drag a box around the entire model to select all the flat faces of your pop-up



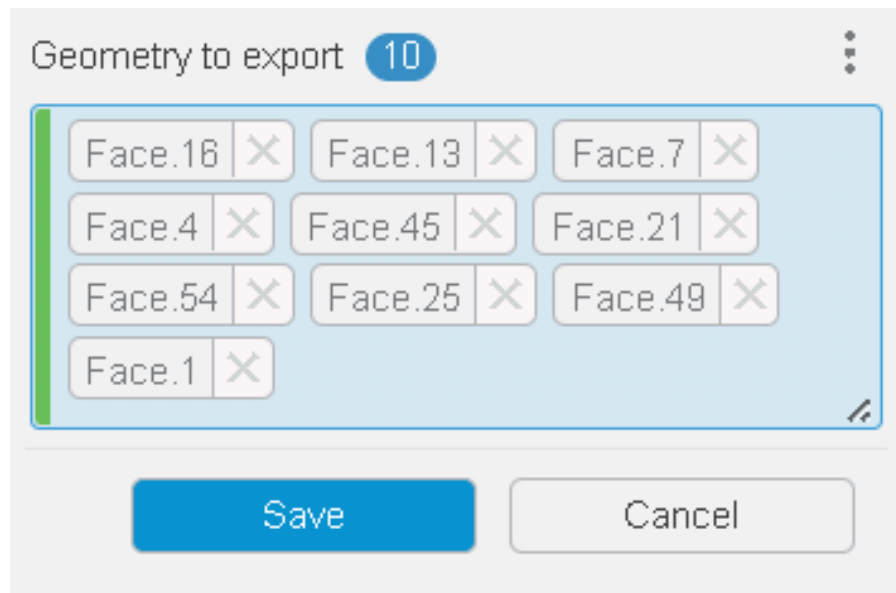
6. Click the Location folder button



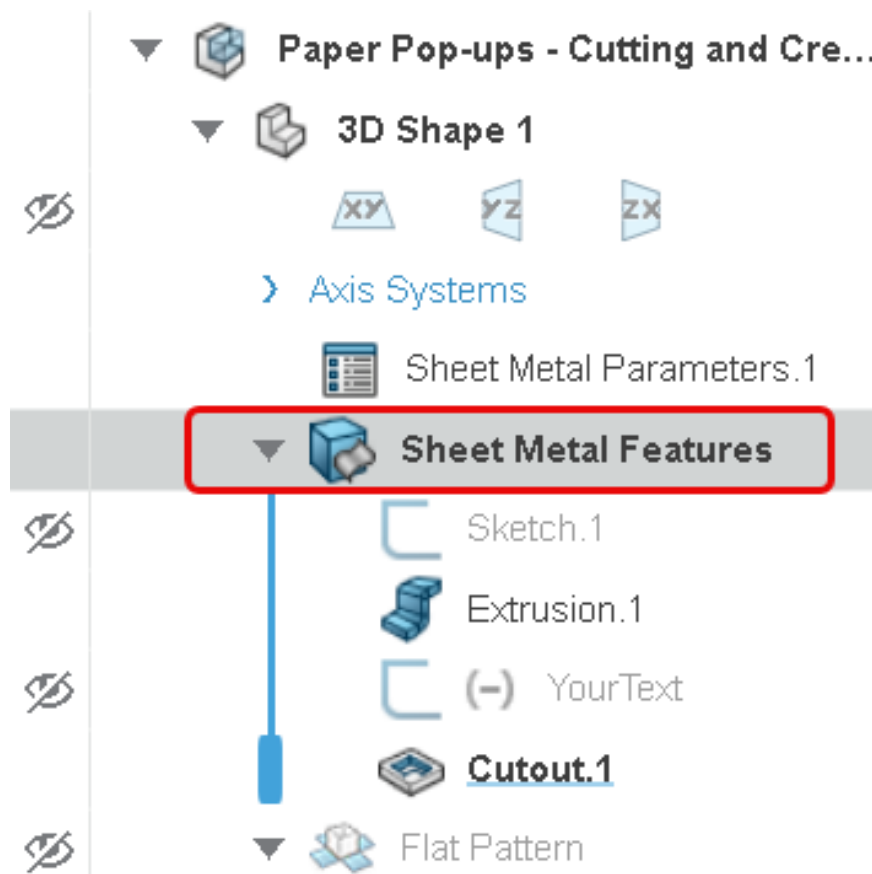
7. [1] Select the folder your instructor told you to use to save your files then [2] click **OK**



8. Click the **Save** button in the Save as DXF dialog



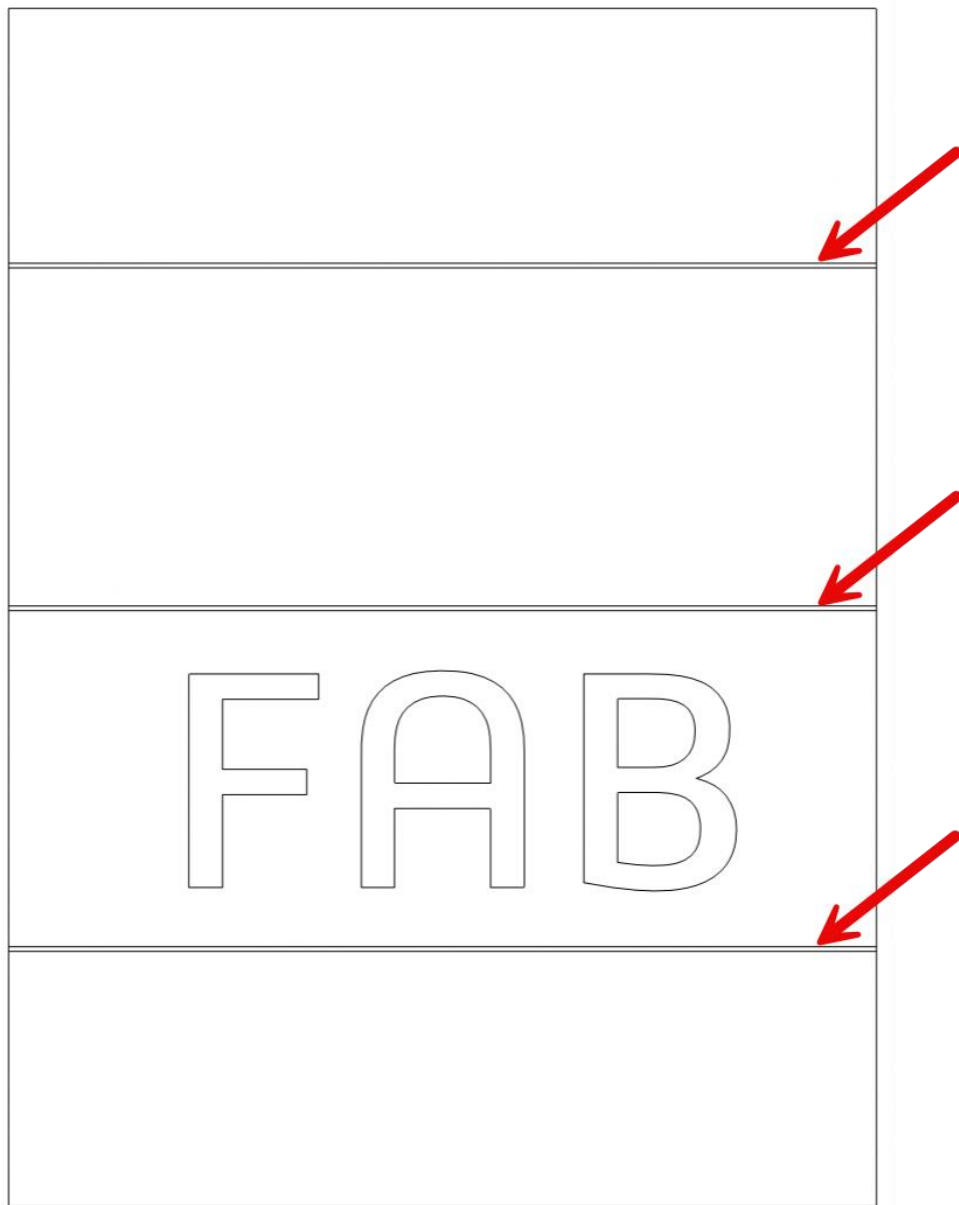
9. Double-click the “Sheet Metal Features” node in the Design Manager



Congratulations!

You're **almost** ready to laser cut your pop-up!

IMPORTANT – your DXF has six extra lines in it that need to be removed in the laser cutter software before cutting



See your teacher for further instruction!