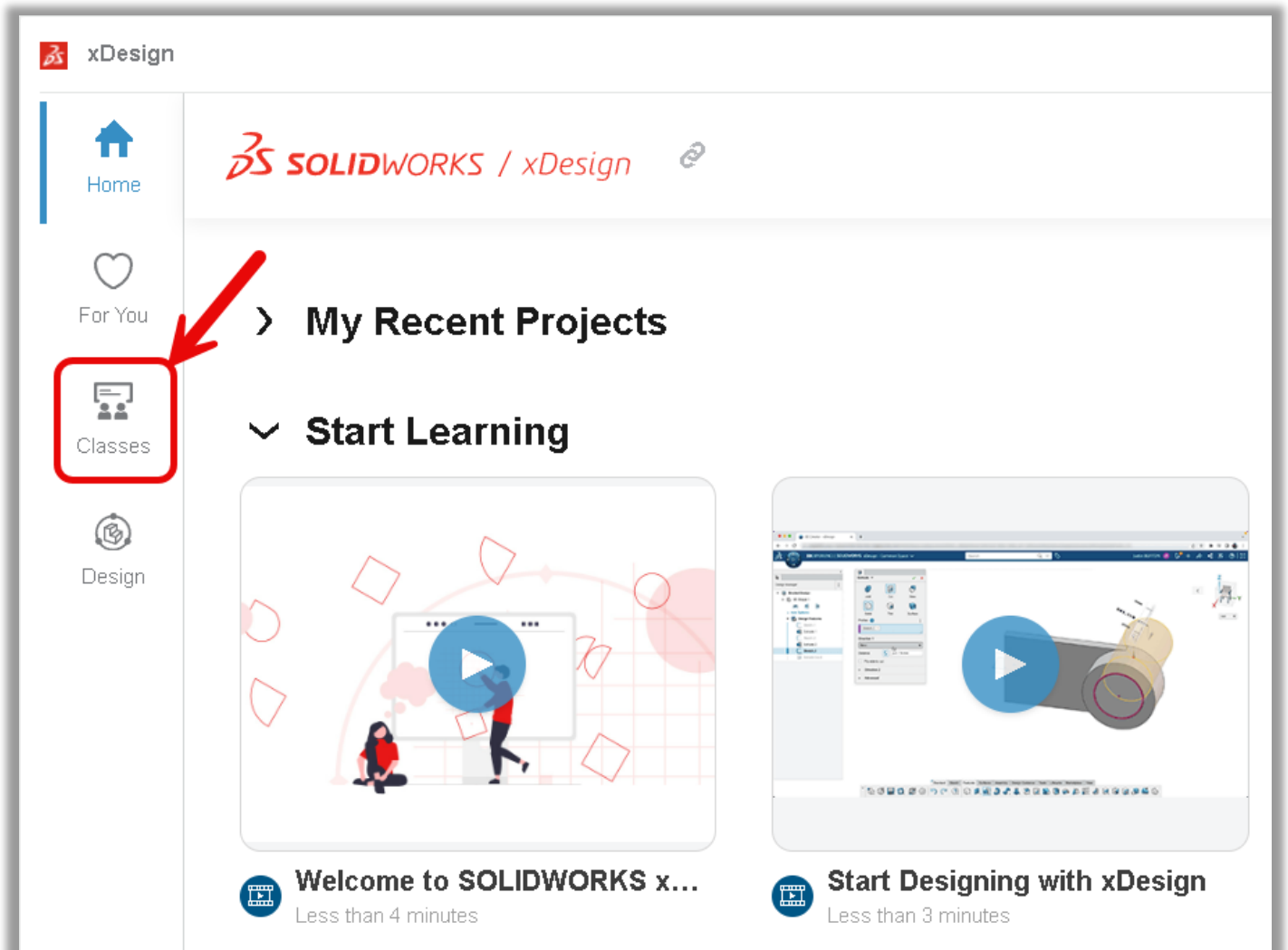
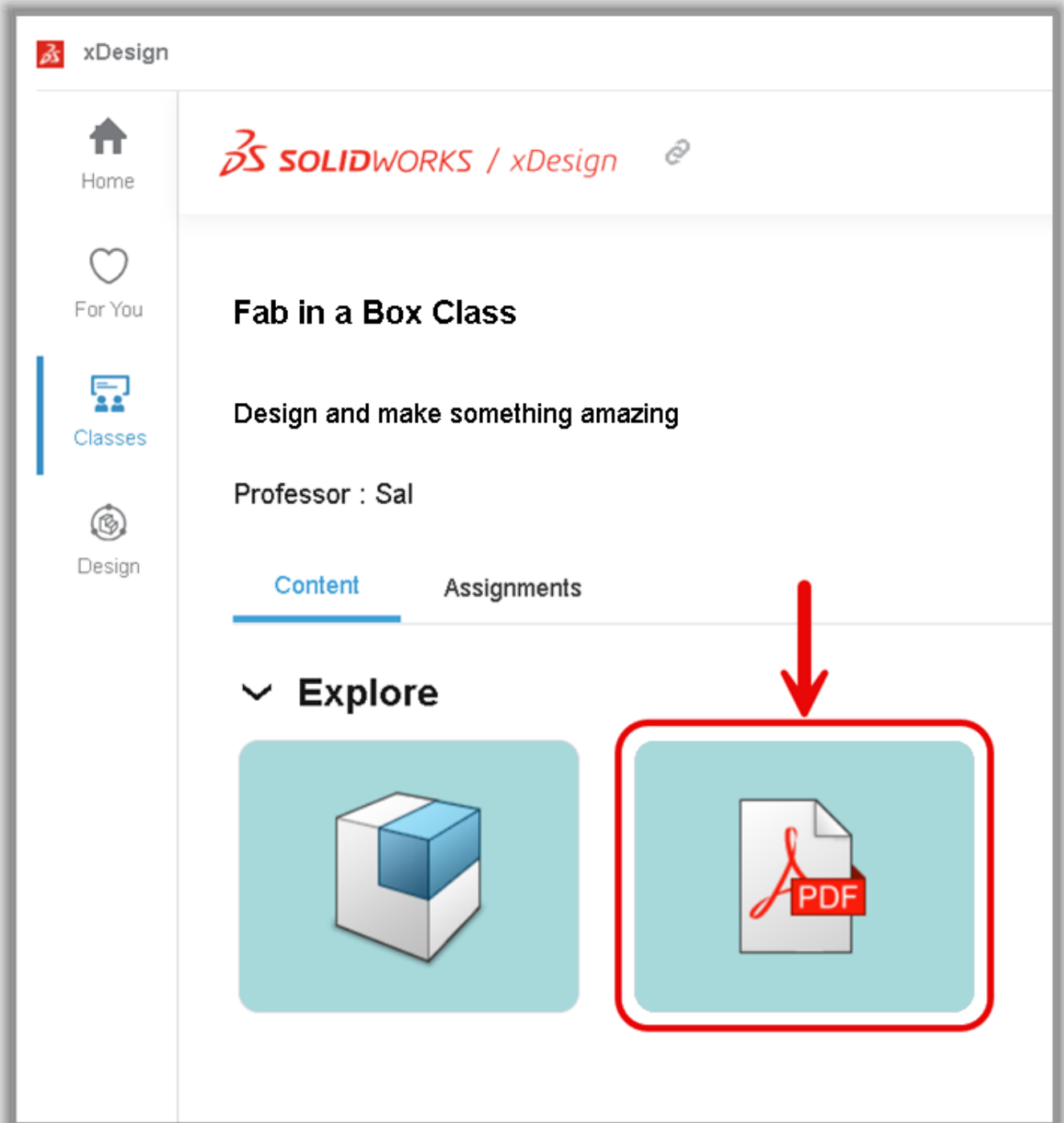


Design and fabricate your own custom pinwheel.

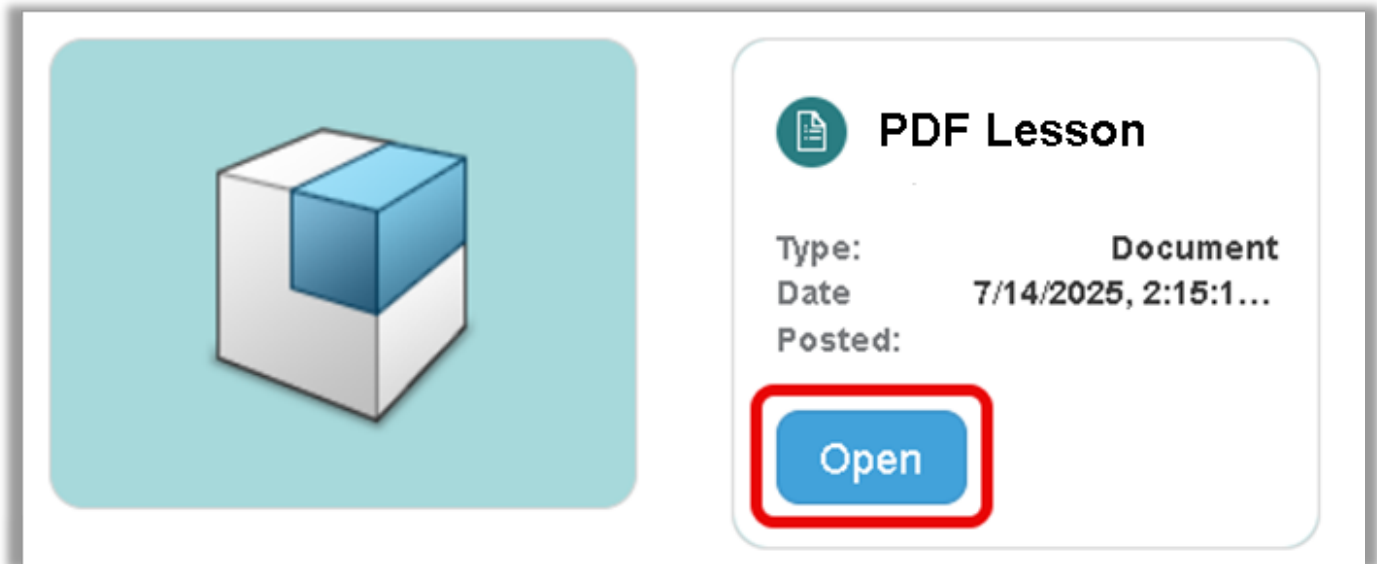
1. Click the **Classes** tab



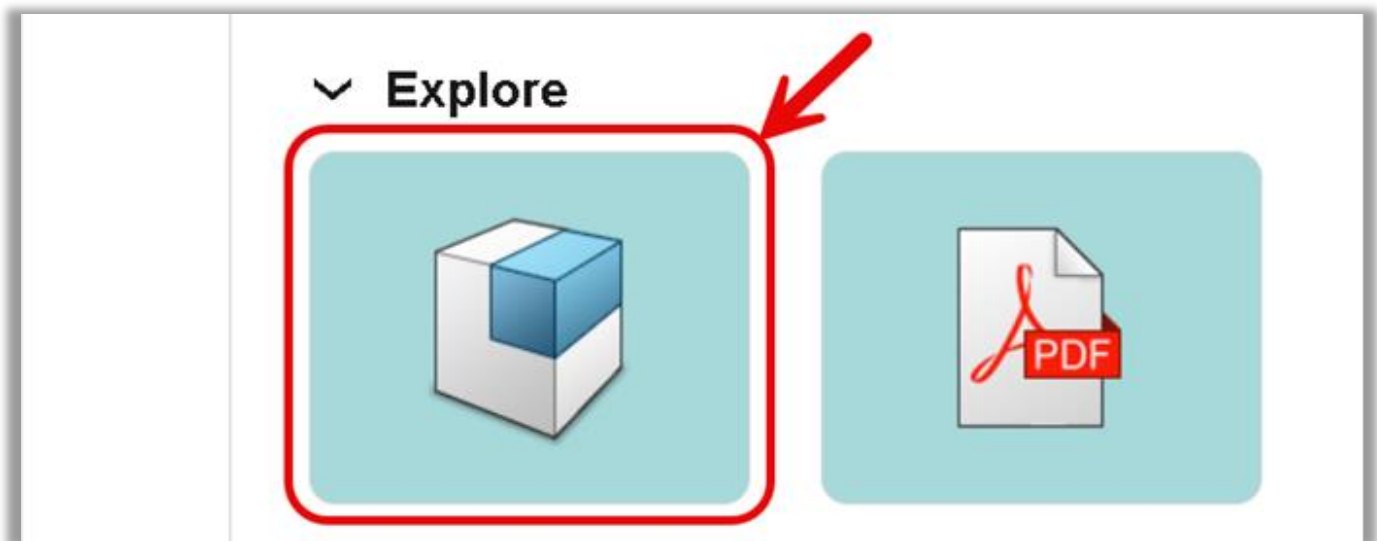
2. Hover over the PDF tile



3. Click **OPEN**



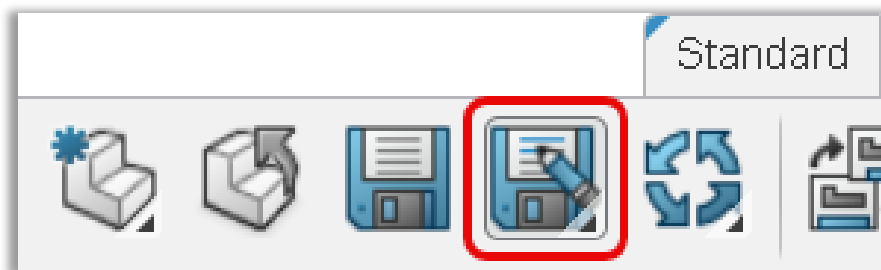
4. Hover over the “Pinwheel - Working from Pre-Designed Templates” tile



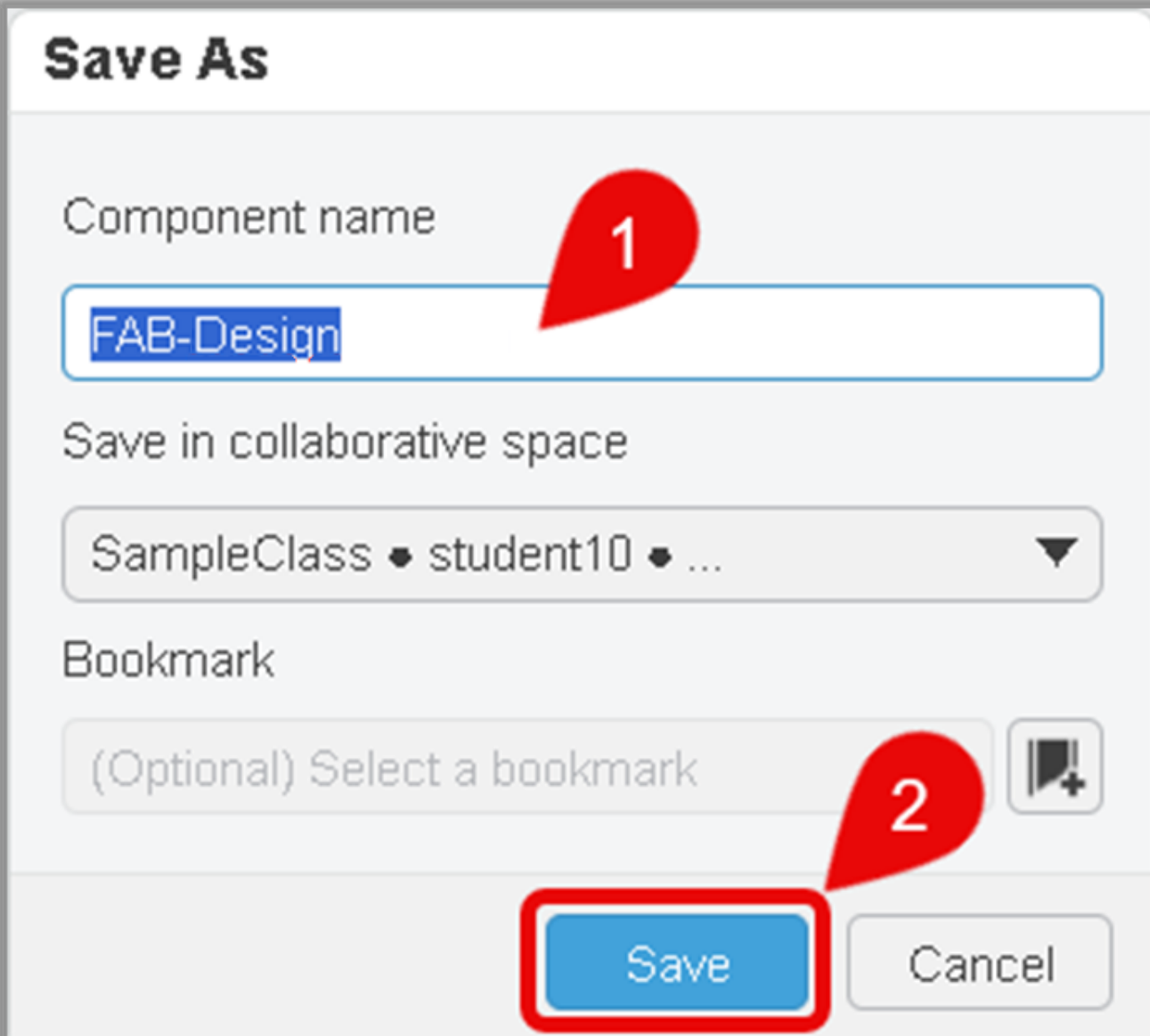
5. Click **OPEN**



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 • ...

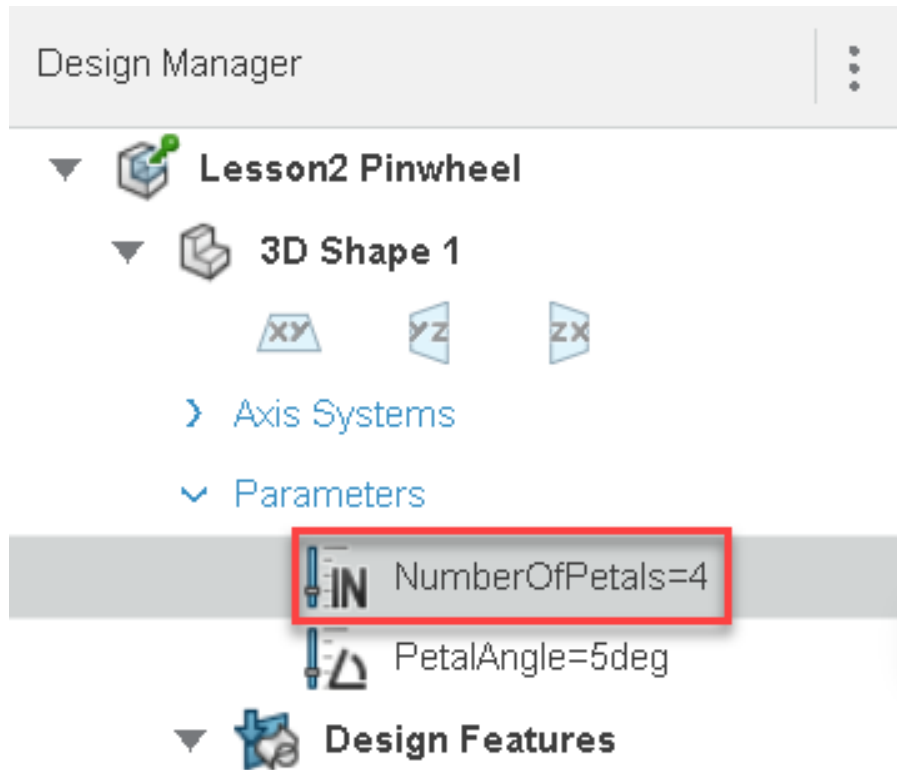
Bookmark

(Optional) Select a bookmark

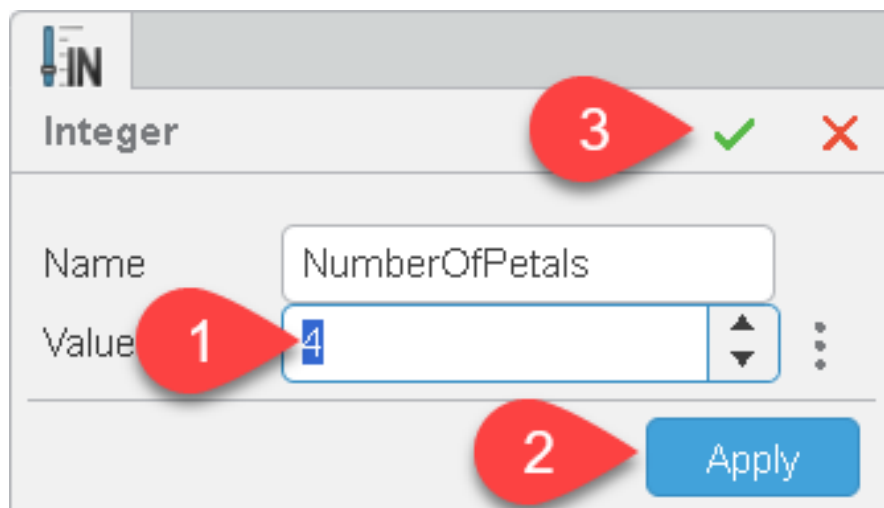
Save Cancel

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 title bar 'Save As', a 'Component name' label, a text input field, a 'Save in collaborative space' label, a dropdown menu showing 'SampleClass • student10 • ...', a 'Bookmark' label, a text input field with the placeholder '(Optional) Select a bookmark', and a '+' icon in a square. At the bottom are 'Save' and 'Cancel' buttons.

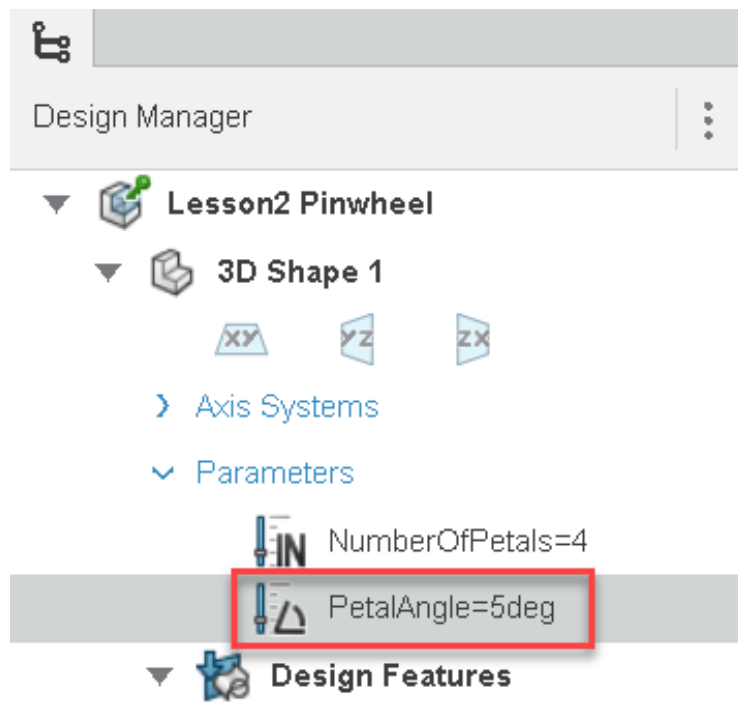
8. Double-click the “NumberOfPetals” parameter in the Design Manager



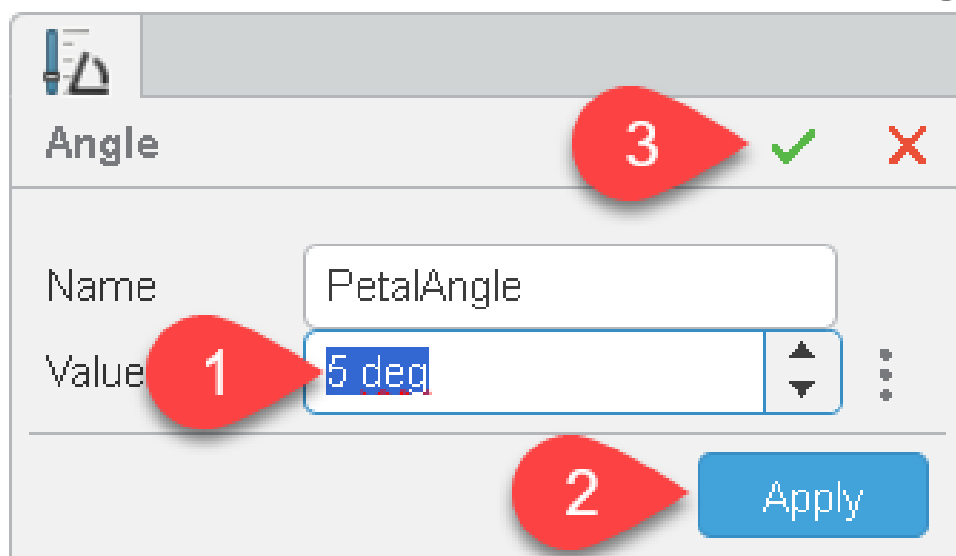
9. [1] Enter a number from 3 to 12 in the “Value” field, [2] Press “Apply” to update the model, [3] Click the OK checkmark to close the dialog



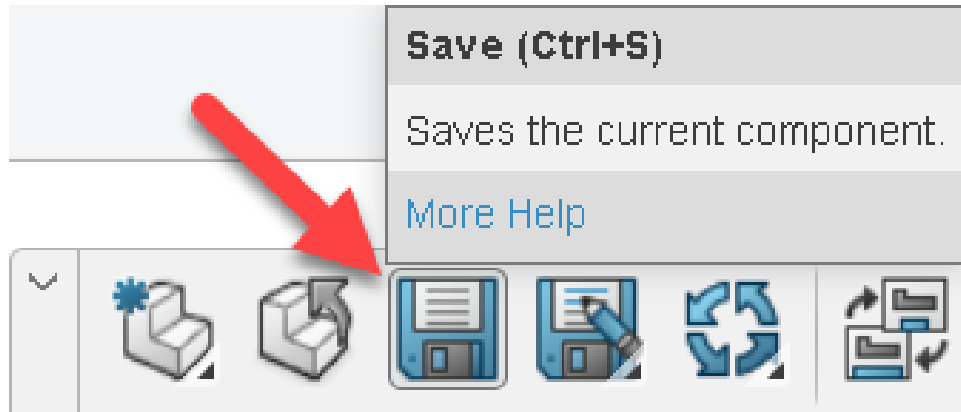
10. Double-click the “PetalAngle” parameter in the Design Manager



11. [1] Enter a number from 1 to 15 in the “Value” field, [2] Press “Apply” to update the model, [3] Click the OK checkmark to close the dialog



12. Click “Save” on the Action Bar to save your pinwheel

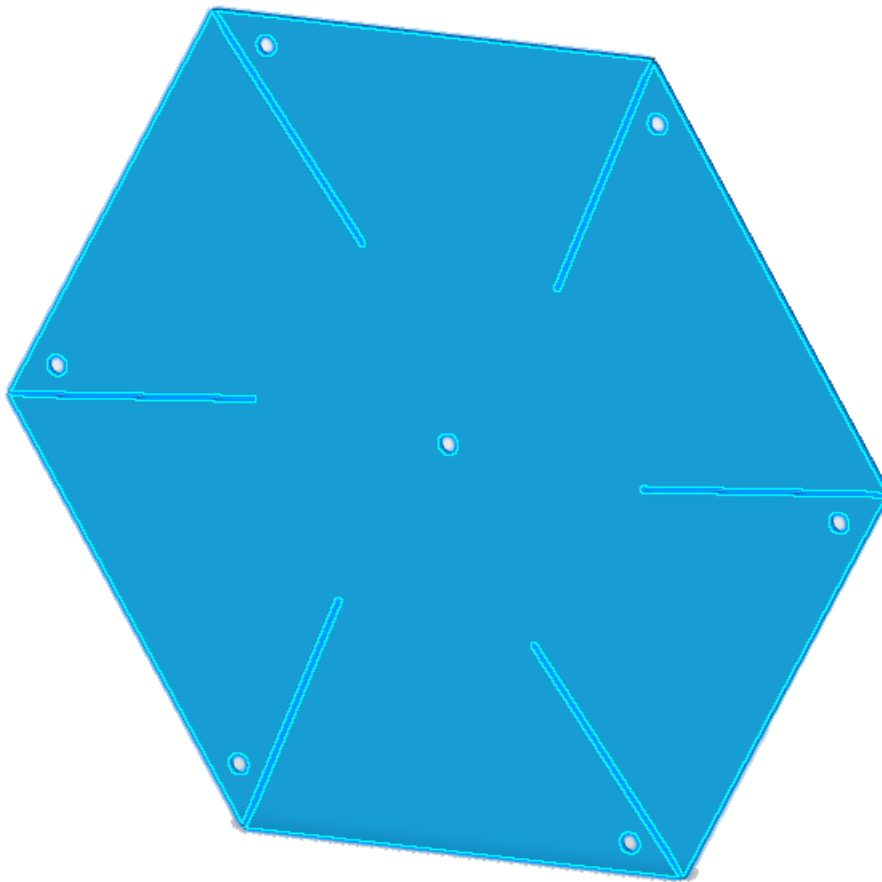


FABRICATE YOUR PINWHEEL

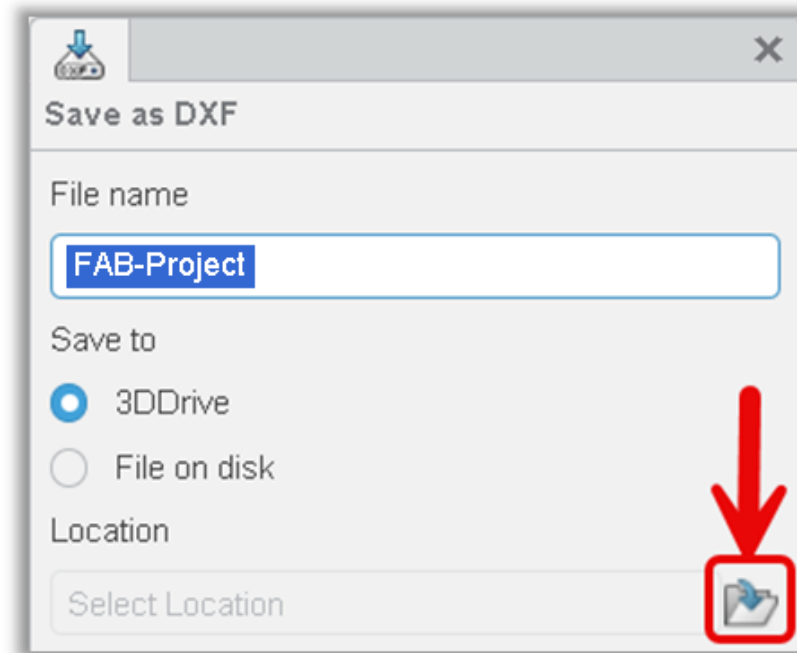
13. Click the **DXF** command on the Tools tab of the Action Bar



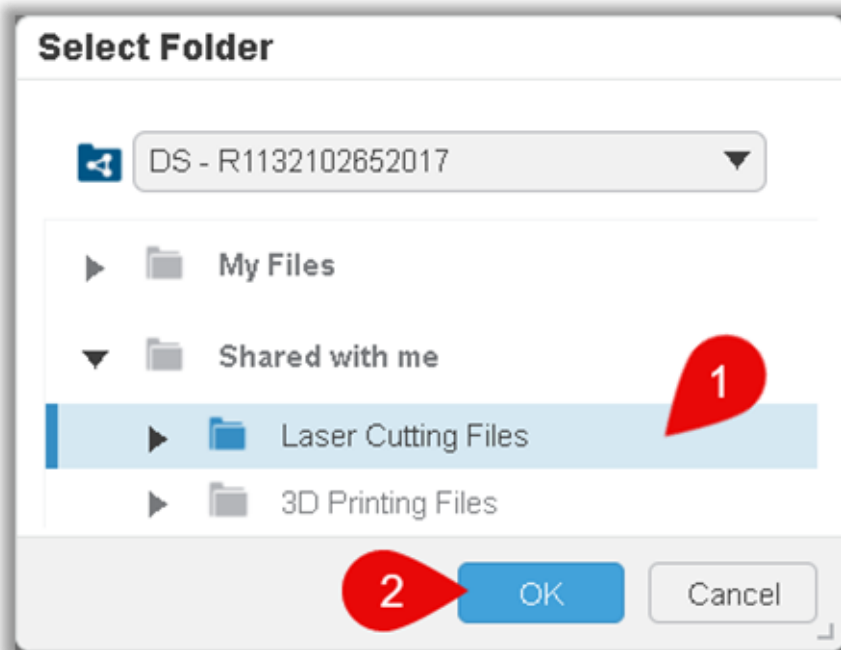
14. Select the large flat face of your pinwheel



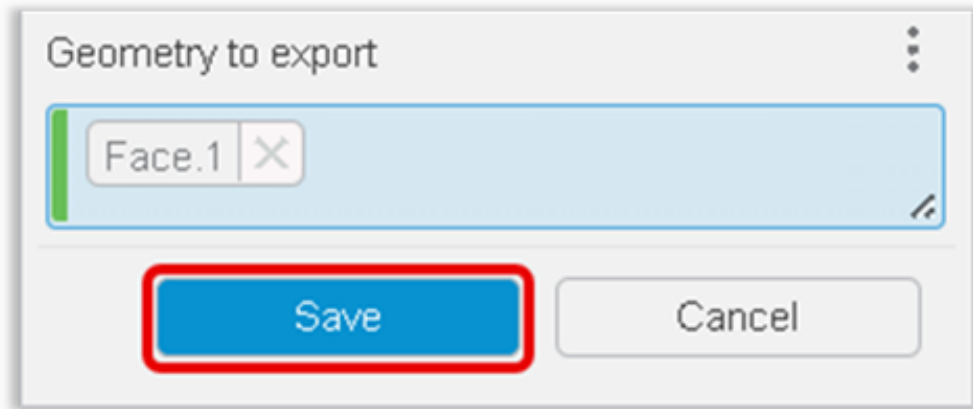
15. Click the Location folder button



16. [1] Select the folder your instructor told you to use to save your files then [2] click **OK**



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



Congratulations!

You're ready to laser cut your pinwheel!

See your teacher for further instruction!