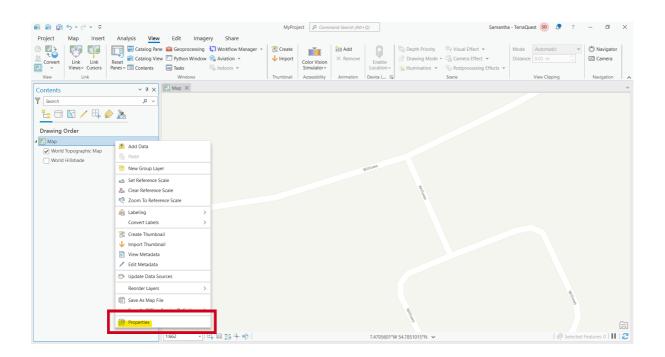


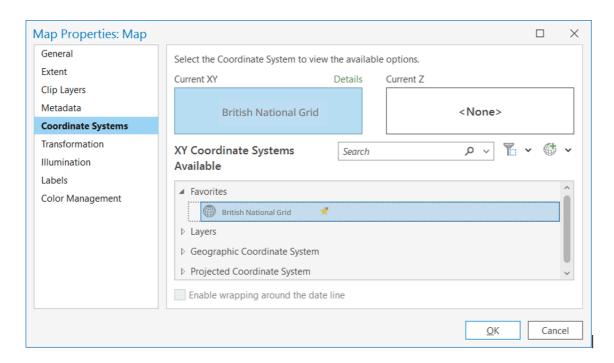
## Part 1: How to export a GeoJSON file from ArcGIS Pro

1. Create a project and load the map you want to use

2. Right-click on the map in the contents pane (View> Windows> Contents) and choose 'properties'.

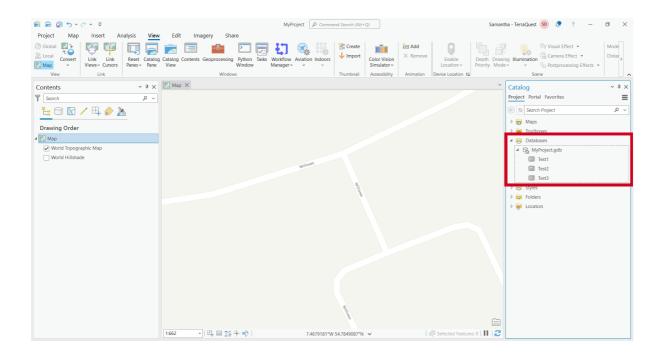


3. In the properties window select Coordinate Reference System and choose British National Grid (27700), then click ok to close the Map Properties





4. Open the catalogue pane (View> Windows> Catalogue pane) and expand the databases folder, then expand your project.

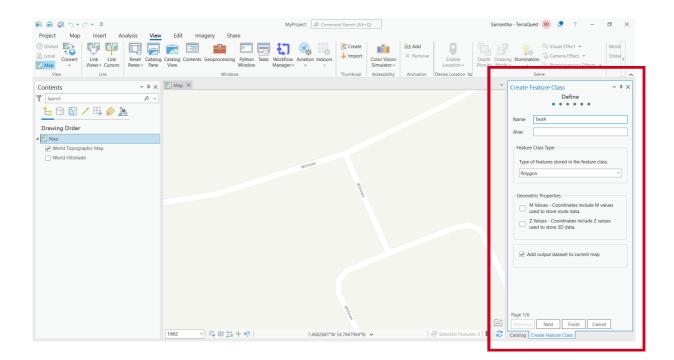


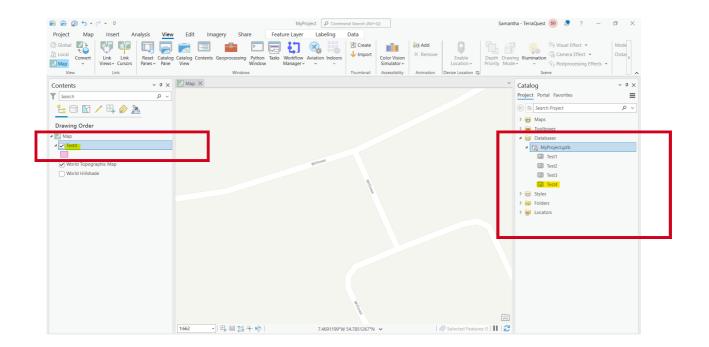
5. Right-click on your project and select New> Feature class

😫 📾 🛱 5 × 2 × 🗢	MyProject P Commo	and Search (Alt+Q)	Samantha	- TerraQuest 😡 💂 ? — 🗇 🗙
Project Map Insert Analysis View	Edit Imagery Share			
Global Convert Link Link Reset Catalog Ca	The second secon	V Import Color Vision Simulator ~	Add Remove Enable Cocation ~ Device Location Fig.	Illumination     Mode       Visual Effect *     Distar       Box Postprocessing Effects *     Distar       Scone     Scone
	Map ×	,		Catalog v # ×
Search P ~				Project Portal Favorites
			* New	> 🗗 Feature Dataset
			Make Default	Feature Class
Drawing Order			× Remove From Project	III Table
Map			★ Add To Favorites	Uie <u>w</u>
World Topographic Map			🐆 Add To New Projects	Relationship Class
World Hillshade	Willows		Import	> Raster Dataset
	The second se		Export	> Mosaic Dataset
	A MILE		Manage	/les
		10.662	bomains	Iders
			Distributed Geodatabase	> cators
			🔁 Refresh	
			Copy Ctrl+C	
			Paste	
			Paste Special	
			Copy Path Ctrl+Al	t+P
			Delete Ctrl+D	
			E Rename F2	
			Show In File Explorer	
		WIIIOH	<ul> <li>View Metadata</li> <li>Edit Metadata</li> </ul>	
-	1:662 • 日 田 115 · N · N · 7.4677948*W	54.7850076°N ✔	Properties	

**Planning**Portal

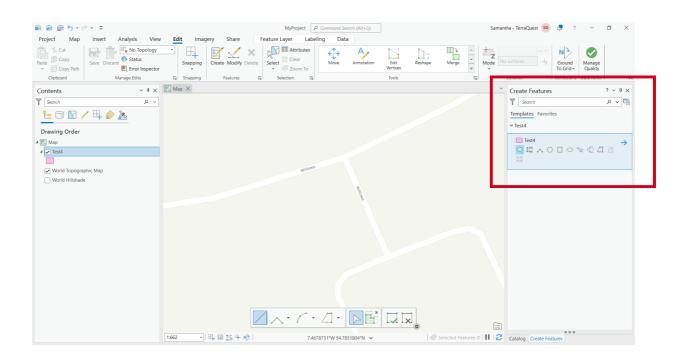
6. Define your feature class by entering a name; everything else can be left as default. You can then click 'finish' and the feature class will be created.



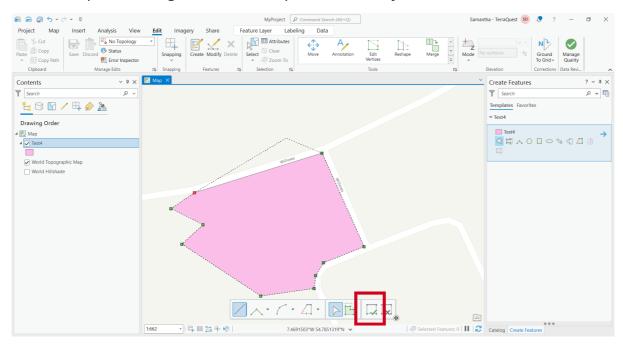


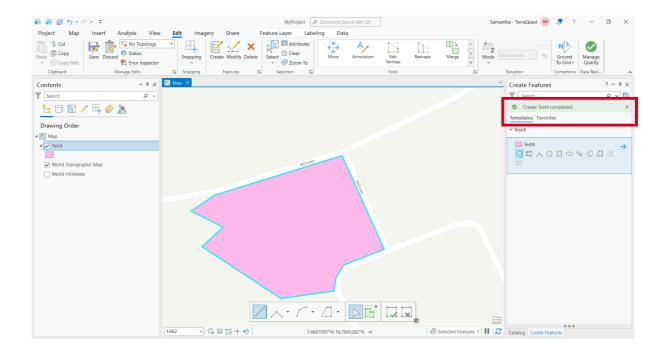


7. In the create features pane (Edit> Features> Create), select the feature class that you just created and ensure the polygon template is selected.

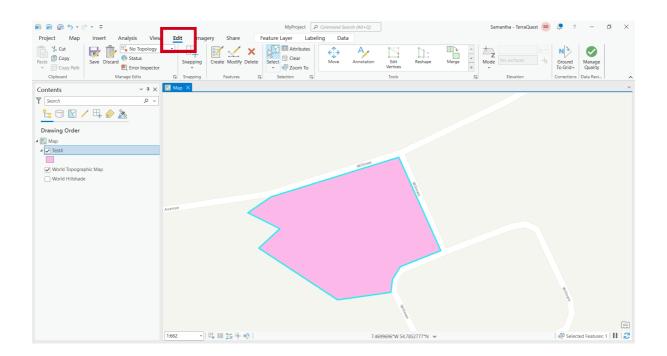


8. To draw the polygon, click for each point you want to add, then select 'finish' from the options along the bottom or press the F2 key.



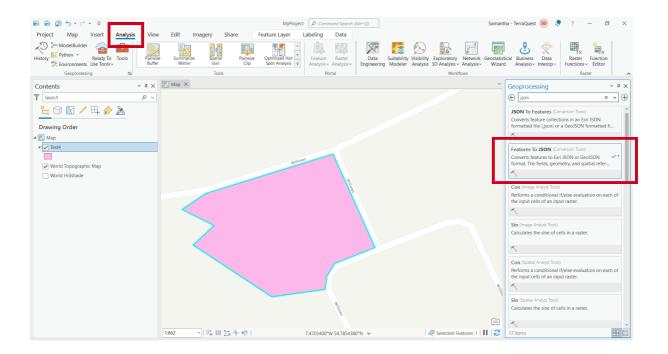


## 9. Select your feature by choosing Edit> Selection> Select

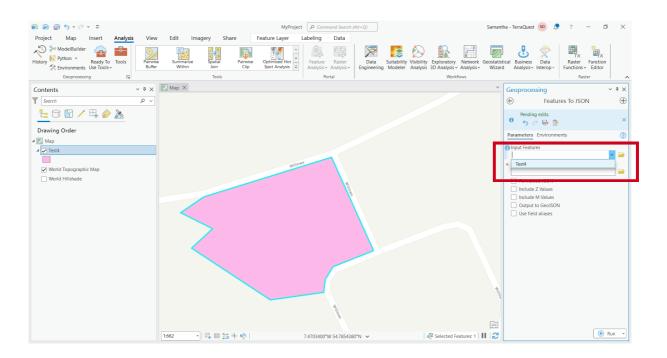




10. Open geoprocessing features to JSON by clicking Analysis> Tools, then searching using the term 'json' and clicking 'Features to JSON'



11. Select your feature class from the Input Features drop down menu, and the Output JSON will autofill, but you can change the location and name for this file if you want.

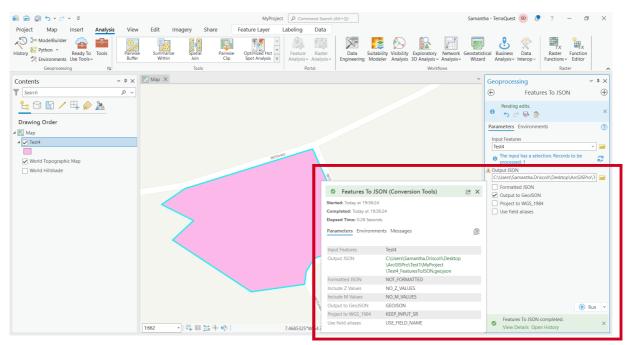




😫 📾 🗊 5 ° č ° 🔻 Samantha - TerraQuest 🗴 🧟 ? MyProject 👂 Comn o × Share Feature Layer Labeling Data Parwise Optimized Hot Spot Analysis Clip Spot Analysis Project Map Insert Analysis View Edit Imagery Share History & Priving Ready To \* Environments Use Tools & Buffer Summarize E fx Spatial Suitability Modeler Analysis 3D Analysis - Analysis estatistical Wizard Analysis - Interop - $\mathbf{x}$ ۳. ⊐ irk Ge Data Raster Function Functions - Editor Engi Geoprocessing 15 Tools Portal Workflows Raster ~ # × ■ Map × Contents Geoprocessing ~ ¤ × Y Search ~ م ⊕ Features To JSON  $\oplus$ ‱ ⊖ 🖸 / ⊑ 🏈 Drawing Order Parameters Enviro 2 🖌 💽 Map Test4 Input Features Test4 v 🕋 The input has a selection. Records to be processed: 1 З World Topographic Map World Hillshade Output JSON
C:\Users\Samantha.Driscoll\Desktop\ArcGISPro\T Output to GeoJSON Use field aliases 🕞 Run 👻 1:662 • | 📭 🎟 💒 🕂 N🎙 | 7.4679571°W 54.7850876°N 🗸 🚳 Selected Features: 1

## 12. Make sure to tick 'Output to GeoJSON', or you will produce an ESRI JSON file.

### 13. Click 'Run'.



#### 📕 | 🛃 📜 🗢 | MyProject - $\Box$ $\times$ File Home Share View ~ ? ✓ ひ ○ Search MyProject Date modified Type 11/11/2022 19:36 File folder 11/11/2022 19:36 File folder 11/11/2022 17:42 File folder Quick access Desktop A Downloads Documents Local ^ Name Size .backups GpMessages ImportLog Index MyProject.gdb File folder 11/11/2022 17:42 File folder File folder 11/11/2022 19:36 Onboarding-IN SHAREPOIN1 MyProject.aprx 11/11/2022 17:42 ArcGIS Project File 7 KB 📕 Demo Test4\_FeaturesToJSON.geojson 11/11/2022 19:36 GEOJSON File 1 KB MvProject 📜 Release Notes UAT-Support OneDrive - TerraQuest Solutions I , San This PC 🧊 3D Objects 📃 Desktop Documents 🖊 Downloads 🕽 Music Pictures Videos ;== 8 items

### 14. Your file will be saved in the location you selected

### 15. Once opened, your file should look similar to below

Test4_FeaturesToJSON.geojson - Notepad				-		×
<u>F</u> ile <u>E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp						
<pre>{"type": "FeatureCollection", "crs": {"type": "name", "properties": {"na [{"type": "FeatureCollection", "crs": {"type": "Polygon", "coordinate [234108.13669999968, 393137.05939999968], [234097.62679999974, 393122 [234111.92030000035, 393122.76600000070], [234102.53139999975, 393112 [234137.70459999982, 393090.95600000024], [234161.5269999977, 393092 [234165.73099999968, 393105.810000000022], [234183.8080000019, 393112 [234155.0302999975, 393154.71609999985]]]}, "properties": {"OBJECTID":1, "Shape_Length": 244.94639600717238, "Shape_Area": 3303.</pre>	es":[[[234165.0302 9.91269999929], 1.07780000009], 1.31919999979],[23 2.95670000091],	9999975,3	93154.716099999		00016]	,
	Ln 1, Col 1	100%	Windows (CRLF)	UTF-	.8	



**Planning**Portal

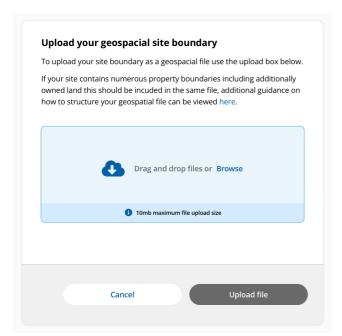
16. Enter the postcode or easting/northing values for your application. If you don't have a postcode, you can use any of the easting/northing values from your GeoJSON.

Start a new applicat	ion	in name					
		N app Enter your Easting and Northing	Close 🗙 Ition 🕑 Ap				
Enter the site postcode		If you have your Easting and Northing grid references, next step.	enter them below and continue to the				
Enter a postcode		te postco Easting:					
	Find address	6de E.g. 43576	.ocal Authority an submit it to				
	Find address	Northing:	postcode, you				
Don't have a postcode?	Have a grid reference?	E.g. 98765	e note that you				
Use the grid reference search to find your Easting and Northing.	Enter your sites Easting and Northing to continue.	postcode Cancel	Continue Continue inding its grid ription of the i				
Search for a grid reference	Enter Easting and Northing	ind Northin reference Enter Easting and Northing	later).				

17. In the site boundary section, select 'Upload spatial file'.

Either click and drag your GeoJSON file or click 'Browse' and select it. This is the where the GeoJSON validation takes place, so if this passes then the file is in a valid format.

## Upload your boundary here



# **Boundary Uploaded Example**

