Course: **Year 8 Digital Design**
Unit: **Robotics**

Unit progress checklist

Student(s):   _____

Due date	Activity	Student sign off (initial & date)	Teacher sign off (initial & date)
	Task A1: Explain the problem		
	Task A2 part 1: Identify your research		
	Build a basic robot		
	Create your first program		
	Level 1 challenge #1		
	Level 1 challenge #2		
	Complete video tutorial #2 (touch sensor, etc)		
	Complete video tutorial #3 (ultrasonic sensor)		
	Complete video tutorial #4 (colour sensor)		
	Level 2 challenge #1		
	Level 2 challenge #2		
	Level 3 challenge		
	Task A2 part 2: Document your research learning		
	Task A3: Analyse existing products		
	Task A4: Design brief		
	Task B1: Design specification		
	Task B2: Design ideas		
	Task B3: Design selection		
	Task B4: Final design in detail		
	Task C1: Planning		
	Task C2 & C3: Demonstrate technical skill and create your solution		
	Task C4: Justify changes		
	Task D1: Design tests Task D2: Conduct tests Task D3: Explain future improvements Task D4: Explain the impact		
	Pack down • All parts accounted for!		