2010 FLL Body Forward Planning Sheet

			Robot Requirements						
Task	**Points**	**Difficulty**	**Dead reckoning**	**Re-indexing**	**Light**	**Ultrasonic**	**Touch**	**Fixed appendage**	**Moving manipulator**
Common bone repair (arm)	25	Medium-hard	X						Fork lift on front of robot
Special bone repair (leg)									
Bridge inserted	15								
Goal scored	10								
Rapid blood screening									
Syringe in base	25	Easy	X					Sloped piece on front of robot	
White blood cells in patient's area	15	Medium	X					U-shaped pusher on front of robot	
Touch penalty markers (red blood cells)	40								
Bad cell destruction (choose one subtask only)									
Identification (black face up or north)	20								
Destruction (black face north)	25								
Mechanical arm (grab patent)	25								
Cardiac patch	20								
Pace maker	25								
Nerve mapping (push brain's west input)	15								
Object control through thought (open door)	20								
Medicine auto-dispensing									
Blue and whites off, pinks on	25								
Blue and white in container in patient's area	5								
Robotic sensitivity (weight up)	25								
Professional teamwork (3 minifigs together)	25								
Bionic eyes (touch upper body)	20								
Stent	25								