Remote:

Part Name: Price: Some links:

Wii Nunchuck		
Arduino Nunchuck Adapter	$13 for 5	https://www.amazon.com/FainWan-Compatible-WiiChuck-Nunchuck-Ar-duino/dp/B09LM69T4V/ref=sr_1_4?crid=3BH2JGEV86DFC&keywords=nunchuck+adapter&qid=1701803797&s=videogames&sprefix=nunchuck+adapter%2Cvideogames%2C61&sr=1-4
Logic level shifter	$7.50 - 10	https://www.amazon.com/HiLetgo-Channels-Converter-Bi-Directional-3-3V-5V/dp/B07F7W91LC/ref=sr_1_1?crid=2SU18LU6ZD8EI&keywords=logic+level+shifter&qid=1701904503&s=industrial&sprefix=logic+level+shifter%2Cindustrial%2C82&sr=1-1
Arduino Uno/nano		
Battery "Pack"	A 9v battery should work fine.	
NRF24L01	$8 -4	https://www.amazon.com/HiLetgo-NRF24L01-Wireless-Transceiver-Module/dp/B00LX47OCY/ref=pd_bxgy_d_sccl_1/130-7733574-4487624?content-id=amzn1.sym.2b132e63-5dcd-4ba1-be9f-9e044543d59f&pd_rd_i=B00LX47OCY&pd_rd_r=7c69c0d5-8fae-41aa-a3e6-5d09be64493f&pd_rd_w=LMwF1&pd_rd_wg=5xneR&pf_rd_p=2b132e63-5dcd-4ba1-be9f-9e044543d59f&pf_rd_r=HR740JA5HF046HN5ZZYK&psc=1
10 uF Capacitor	need 2	
3.3v Voltage regulator	need 2	
3-D printed Housing		

Balancing Robot:

Part Name: Price: Some Links:

Arduino Uno/Nano		
2 Stepper Motors	$11-1	https://www.amazon.com/Usongshine-Nema17-Stepper-17HS4401S-Printer/dp/B0787BQ4WH/ref=pd_rhf_se_s_pd_sbs_rvi_d_sccl_2_2/133-1389281-8367723?pd_rd_w=q7sbz&content-id=amzn1.sym.a089f039-4dde-401a-9041-8b534ae99e65&pf_rd_p=a089f039-4dde-401a-9041-8b534ae99e65&pf_rd_r=B8Z8AJ2SPGXADPE419P9&pd_rd_wg=vq1IF&pd_rd_r=93860624-13ea-4a1d-8257-0d5a9e81c6ce&pd_rd_i=B07KW7F3P9&th=1
2 Stepper Motor Drivers	$10-5	https://www.amazon.com/HiLetgo-Stepstick-Stepper-Printer-Compatible/dp/B07BND65C8/ref=pd_bxgy_d_sccl_1/133-1389281-8367723?pd_rd_w=ICHf2&content-id=amzn1

		.sym.2b132e63-5dcd-4ba1-be9f-9e044543d59f&pf_rd_p=2b132e63-5dcd-4ba1-be9f-9e044543d59f&pf_rd_r=0BF9XHJZB9Q1QV2H1FRA&pd_rd_wg=u2m9L&pd_rd_r=90a0f348-26f9-4319-8482-a2a2ec24d3f9&pd_rd_i=B07BND65C8&psc=1
Stepper Motor Mounting Brackets	$10 - 2	https://www.amazon.com/weideer-Stepper-Mounting-Bracket-K-029-42/dp/B09372B2D1/ref=pd_bxgy_d_sccl_2/145-6135848-5464269?pd_rd_w=BXazi&content-id=amzn1.sym.2b132e63-5dcd-4ba1-be9f-9e044543d59f&pf_rd_p=2b132e63-5dcd-4ba1-be9f-9e044543d59f&pf_rd_r=81V3641DSE7HERX19A1H&pd_rd_wg=DW31U&pd_rd_r=9ec22a65-3c3d-44ae-ba23-74a82fb23aa5&pd_rd_i=B09372B2D1&th=1
GY-521 Accelerometer/Gyroscope	$8.50-3	https://www.amazon.com/FORIOT-Accelerometer-MPU-6050-Compatible-Converter/dp/B0CDL8DVZ7/ref=sr_1_2_sspa?crid=6NLO5QDDU9EG&keywords=GY-521&qid=1701804065&s=industrial&sprefix=gy-521%2Cindustrial%2C67&sr=1-2-spons&sp_csd=d2lkZ2V0TmFsZT1zcF9hdGY&th=1
100 uF capacitor	Need 2	
Transceiver	Taken Care of.	
Battery Pack		
2 non-slip wheels and mounting hub	$13-2 and $14-2	https://www.amazon.com/90-10mm-Black-Robot-Wheels/dp/B00T3MQG7M/ref=sr_1_53?dib=eyJ2IjoiMSJ9.J3dgx8P762UnXWORtlwJYXmVniWD9I0SaMzqaugb5KLUBAPJapvnl7OtTUPSE1LhI3VgLKNvX7wmI0-zaRnMgnGDNnxRQ7D8U_xinsZm4ENyCvHIdXOUPfZb6aoGjUf6Wge3jFfUSyg81Eokhg KNOsa4FpTjyiPosZVvxWJQ098sSDo7SOz8R39l0S_avcjpI-lWVV7BhM35hT-ujsWoa-U5dzt3hWNCo6FdP1j1FB1Omf6be6oA0wI54QWy7BLkd_qfB-8SnS2gCqVgXwxTvzH9Q0SlkLZ8sBS4QR2vu7Q.bxDL5dnFUvPnqkcdF5KDHgBz9bM-7mfJWLQtIcjixac&dib_tag=se&keywords=arduino+wheels&qid=1729531853&sr=8-53 and https://www.amazon.com/Pololu-Universal-Aluminum-MOUNTING-Shaft/dp/B00B887FX8/ref=pd_bxgy_thbs_d_sccl_1/143-0492769-7445039?pd_rd_w=UnJN6&content-id=amzn1.sym.f7fa8b58-6436-47b8-8741-9e90c231669e&pf_rd_p=f7fa8b58-6436-47b8-8741-9e90c231669e&pf_rd_r=3ZPERPRNYQMZRZDAVVQ6&pd_rd_wg=P97Bp&pd_rd_r=4b8d5db8-37d0-431c-8c29-d2db8ca5031f&pd_rd_i=B00B887FX8&psc=1
Frame	$12-10	https://www.amazon.com/VictorsHome-Stainless-Crafts-Helicopter-Airplane/dp/B0962X6J95/ref=sr_1_3?crid=3OTEF9LOTIY3W&dib=eyJ2IjoiMSJ9.ch840XSb-mjD1kYPgweX40GilWj2algdChaO4agcDgWod5fDWyxYlj7SJ7pQTUngiGWZeF5di4CgiKJmkF2rFuLfFcfKUWopdnGPJ7ohA3ESe980wfDbDK0uust2g1Pjsytb8Qdp6K2e_bnGB2kssx6cMU53DdcFPJF2Q

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