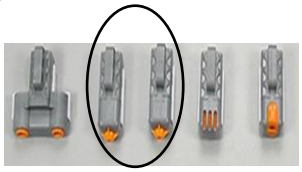
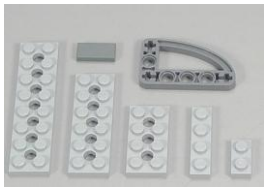
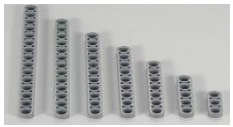
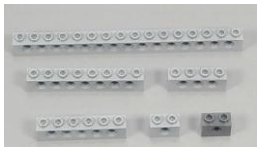
LEGO Nomenclature Notes ——— Student Sheet

Name_____ Date_____

		CATEGORY NAME	FUNCTION
1.		NXT MICROPROCESSOR	ALLOWS ROBOT TO SENSE OR REACT TO ITS ENVIRONMENT
2.		INTERACTIVE SMART MOTOR (ROTATION)	ALLOWS ROBOT TO SENSE OR REACT TO ITS ENVIRONMENT
3.	 1 2 3 4	SENSORS 1. ULTRASONIC 2. TOUCH 3. SOUND 4. LIGHT	ALLOWS ROBOT TO SENSE OR REACT TO ITS ENVIRONMENT
4.		PLATES (FLAT STRUCTURES)	PROVIDES STABILITY
5.	 TECHNIC (ODD)	BEAMS (NAME IS DETERMINED BY COUNTING STUDS)	PROVIDES STABILITY
	 STUDDED BEAM (EVEN)		

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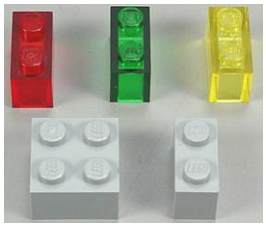
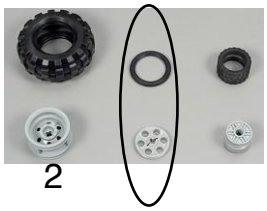
		CATEGORY NAME	FUNCTION
6.		BRICKS	PROVIDES STABILITY
7.		GEARS (NAMED BY TOOTH COUNT)	TRANSMITS MECHANICAL ENERGY WITHIN ROBOT
8.		WHEEL 1. TIRES 2. HUBS (CAN BUILD A PULLEY SYSTEM USING HUB AND RUBBERBAND)	TRANSMITS MECHANICAL ENERGY WITHIN ROBOT
9.		AXLES (NAMED BY LINING UP TO STUD BEAM AND COUNTING STUDS)	TRANSMITS MECHANICAL ENERGY WITHIN ROBOT
10.		PEGS FRICTION PEGS (BLUE) NON FRICTION (TAN)	JOIN STRUCTURAL ELEMENTS TOGETHER