## **Meta Designer:** "Machine Structure": { "Base Frame": { "Guidance": "Wooden Blocks (ID 1) and Small Wooden Blocks (ID 15) are used to build a wide, heavy base that prevents tipping. They also form a tower to elevate the pivot point and a physical stop to arrest the arm's rotation, which is crucial for the release mechanism." "Throwing Mechanism ": { "Guidance": "A Rotating Block (ID 22) provides the high-speed rotational power. This is attached to a Log (ID 63), which acts as a long, robust lever arm. A Container (ID 30) is placed at the end of the arm to hold the Boulder (ID 36) projectile."

## **Detailed Meta Designer:** "Machine Structure": { "Base Frame": { "Guidance": "First, build the foundation. Attach a Log (63) to the left side of the Start Block (0) and another Log to the right side to create a wide horizontal base. Then, place a Small Wooden Block (15) on top of the Start Block. This will elevate the pivot point of the throwing mechanism for a better launch angle and provide a central connection point." "Throwing Mechanism": { "Guidance": "On top of the Small Wooden Block from the Base Frame, place a Rotating Block (22). This will serve as the powered pivot. Attach a Log (63) to the rotating part of the Rotating Block, positioning it as the throwing arm. At the far end of this Log, attach a Container (30) with its opening facing upwards. Finally, place the Boulder (36) inside the Container."