Transfer of Energy:	Ball Bounce	Name	Period
Demonstrate the transfe	er of energy to com	bine energy and create a grea	ter force.
BACKGROUND DATA:			
Work in a group of 22. Measure the height of	-4, but each should do your "arm-out Level" i	& record your own data. n centimeters Record on the second of the second on th	he graph.
·	_	er of the ball when you hold it straig	ght out.)
	-	u drop any ball for this lab.	. 🛥
b) Extend your armsc) Measure the bour	d a meter stick (or 2) n out. Add no force. D once height in cm. Reco	next to where you will drop the ball. Frop the ball. Ford ball ID and height Ford light is an ID#.	1 1 1 1
			ey J
Height in Centimeters			
5. Use "arms-out level" to a) Tennis ball1		height of each. Record ID & heigh c) Tennis ball2 d) Ping pon	•
ENERGY TRANSFER LAB: AS	SK WHERE:		(
Drop so the 7. Measure: e) Ping pong	per hold a ping pong ba ey fall together. You m ball on tennis ball	n arms-out position. all directly on the top center of the nay need someone else to hold the f) Tennis ball on ping pong h) Tennis on Tennis	meter stick. ball
Analyze:			
	ed they had p	energy. As they fell, they had k gy. Theball had the most	
		to the ball. The nad the (<u>least or greatest</u> ?) (<u>mass or</u>	
10. Write one thing you f	ound out about energy	y transfer?	
11. Write one way to use	this transfer. Explain.		
(??? <i>I</i>	ASK: Try other balls ou	tsideRecord Data)	