Name: _____ Date: ____ Per

Lab #2 Growing with Metrics



Per:

Objectives:

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- To Learn how to use a metric ruler •
- To record measurements in cm. •
- To track growth over the course of one school year •
- To determine if there is a pattern or relationship between different body Parts •

Personal	Measur	ements	Personal	Measu	rements
Data	September (cm)	May (cm)	Data	September (cm)	May (cm)
Height (shoes off)			Foot Length		
Elbow to base of wrist			Arm spread fingertip to fingertip		
Middle of Knee to Floor (shoes off)			Circumference of neck		
Hip to floor (pelvic bone to floor – shoes off)			Circumference of Head		
Index Finger Length			Circumference of Bicep		
Pinkie Length			Circumference of Wrist		
Thumb Length			Circumference of Ankle		
Palm (pinky to thumb)			Circumference of Calf		
Shoe width			Circumference of Thigh		

Graph:

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Analysis (September)

- 1. Looking at your data, what part and measurement was the longest? ______ with ____cm. Shortest?
- 2. Are there any sets of number that are similar in length? Explain and provide examples.
- 3. Take your shoe off and place your foot on top of your forearm between your elbow and your wrist. Explain what happens?
- 4. Find someone who has the most measurements in common with you! _____

Analysis (June)

- 5. 1. Looking at your data, what part and measurement was the longest? ______ with _____cm. Shortest? ______ with _____cm
- 6. Looking at your data, what part grew the most since Sept.? _____ with ____ cm. Were there any body parts that did change? Give examples: