

Name .....

Date .....

### Investigation sheet

**We want to find out:**  
*(Guiding Question)*

Can you lift a teacher with one hand?

**Hypothesis:**  
*(Use if...then statement)*

Lifting a teacher with one hand is possible.

**For a fair investigation, we are keeping this the same:**  
*(Controlled Variables)*

One hand teacher

**We will only change:**  
*(Independent Variable)*

Set up

**We will need this equipment and these resources**

Plank-LEVER 2x4 8 feet long  
Brick-FULCRUM

**This is what we will do**  
*(procedure)*

Put the brick(fulcrum) in the center  
Lay the plank(lever) in the brick  
Teacher stands close to the fulcrum  
Push down on other end with one hand.

**We will record our data using:**

. **Diagrams** . bar charts . drawings . tables . tally sheets . writing . lists . pictograms  
. word processing . frequency tables . line graphs . database . pie charts . other

**We found out that:**  
*(Analysis and Conclusion)*  
*Was your hypothesis right?*

I was CORRECT. Lifting a teacher is possible. It was easy.

**We think this is because**

We moved the fulcrum and the teacher until it worked.

**New/Remaining questions or predictions:**

Josh- Can you lift more weight with one hand?  
Layla- Can the teacher sit down and 2 kids lift him/her up?  
Brandon- Can you lift two people with two pairs of hands?  
Abby- Can you lift a teacher with you're arm?

