

Name: _____ Date: _____

My Shaduf Design



What is a shaduf used for?

What will your shaduf model look like? Draw and label your design here:

What will you use for the bucket?

What materials and tools will you need to build your shaduf? Write a list:

What will you use for the weight?

Name: _____ Date: _____

My Shaduf Design



What is a shaduf used for?

My Design:









Materials:

Describe how your shaduf will work:

Tools:

Name: _____ Date: _____

Describe each step you will need to take to make your shaduf:

How will you test your shaduf?

How will you know if your shaduf is successful? Choose 3 success criteria:

-
-
-

Name: _____ Date: _____



My Shaduf Evaluation

Colour in the face that best matches how you feel about each sentence.



I am pleased with how my shaduf turned out.



I think my shaduf looked really good.



My shaduf is able to lift water from a low area to a high area.



My counterweight works really well.



I followed my plan well when making my shaduf.



I had to change things from my plan when making my shaduf.



I worked with care and attention to detail when making shaduf.



I was able to work well with a variety of tools and materials.



Name: _____

Date: _____

My Shaduf Evaluation



What did you enjoy most about making your shaduf?

What did you enjoy least about making your shaduf?

What was the most difficult part?

How did you overcome any problems you came across?

What changes did you have to make to your plan to make your shaduf successful?

How pleased are you with how your shaduf looks? Why?

How pleased are you with how well your shaduf works? Why?

What would you do differently if you were to make your shaduf again?