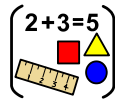
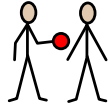
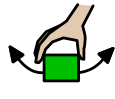
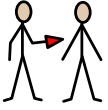
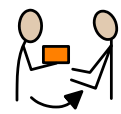
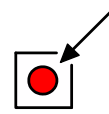
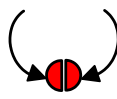




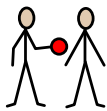
Playdough factory challenge.



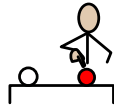
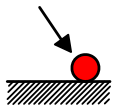
You need to use your maths skills to make



playdough, make bags to put it in and provide



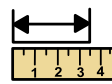
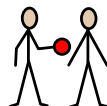
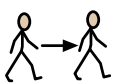
drinks for your staff.



There are 4 tasks in this challenge



Task 1. Playdough.



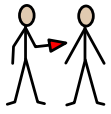
Follow the recipe using your measuring skills to



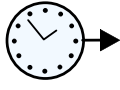
make the Playdough.



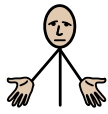
Playdough:



You



will



need:



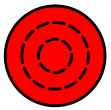
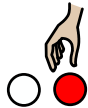
1 cup of hair conditioner.



2 cups corn flour.



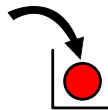
Food colouring (optional)



Large bowl



Pour corn flour and conditioner into a bowl.





Mixture



well.



Add

a

few



drops

of

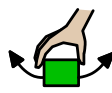
food colouring.



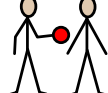
Mix



well



using



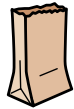
your



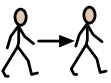
hands.



Task 2



Bags



Follow

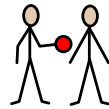
the

instructions

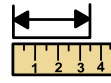
and



use



your



measuring



skills

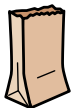
to

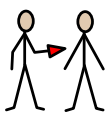


make

2

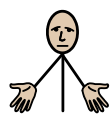
bags.



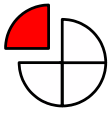


You

will

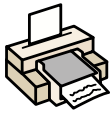


need.

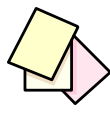


A piece

of A 4



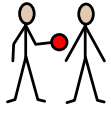
printer



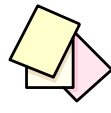
paper.



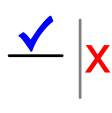
Place



your

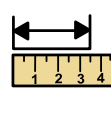


paper



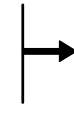
horizontally

and



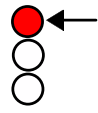
measure

2cm



from

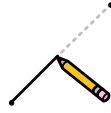
the



top

and

draw a line



Turn



down

the



edge

and



smooth



Glue



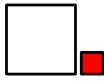
in



place



Put



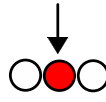
a little



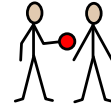
line



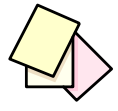
in



the middle of



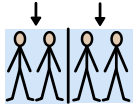
your



paper.



Fold

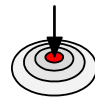


both sides



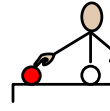
edges

to the

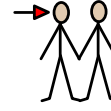


centre

so



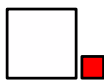
that



they

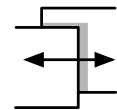


meet



with a

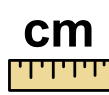
small



overlap

of

1



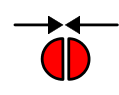
cm.



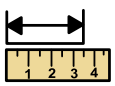
Glue



or

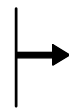


tape together.

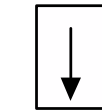


Measure

5cm

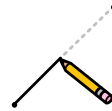


from the



bottom

and



draw a line,



turn



down



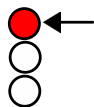
the edge

and smooth.



Open

the



top

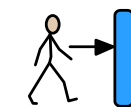


layer

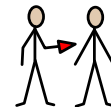
of the



base

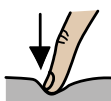


towards



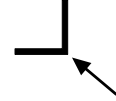
you

and

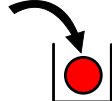


press

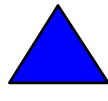
the



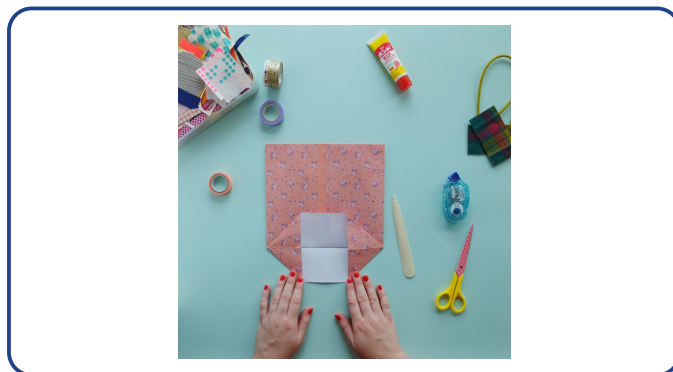
corners

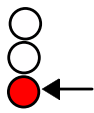


into

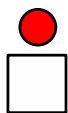


a triangle

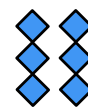
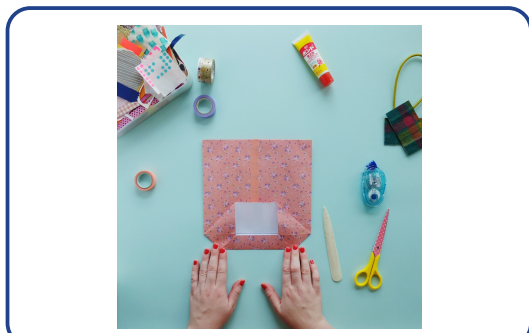




Fold up the bottom edge of the base to meet the fold



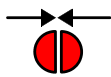
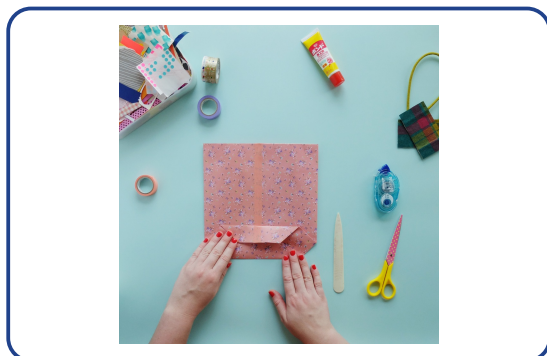
above it.



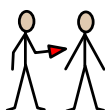
Fold the top edge of the base down to the same



fold



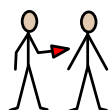
Tape the edges together.



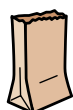
You



have



you



bag



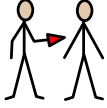
3



Task 3 Sharing



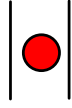
Share



you



playdough



between

the two



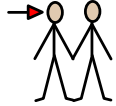
bags.



Make



sure



they

are

equal

=

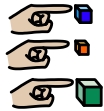


What

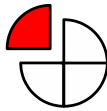
$\frac{7}{10}$

fraction

is



each

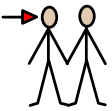


piece

of



playdough?



They

are

$\frac{1}{2}$

1/2



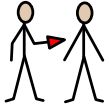
Task

4

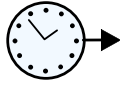
4



Drinks.



You



will



need



Tablespoons



Juice



Water



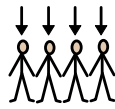
Glass

or

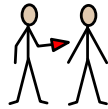


Beaker

for



everyone



you

are with.



Count

123

the

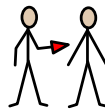
number

of

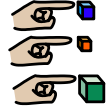


people

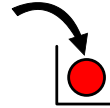
with



you.



Get a cup or beaker for each person.



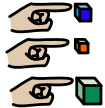
Measure 2 tablespoons of juice and put into a glass



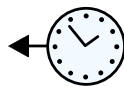
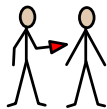
$\frac{1}{2}$



Add $\frac{1}{2}$ cup of water.



Give each person a drink.



Well done you have completed the playdough challenge.

