

To investigate floating and sinking

Activity 1



Equipment



bowl of water



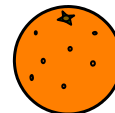
metal spoon



plastic spoon



ping pong ball



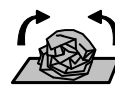
orange



apple



pencil



tin foil ball



rolling pin



penny



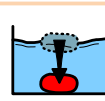
feather



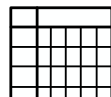
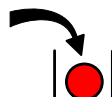
ice



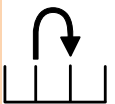
Which objects will float and which will sink?



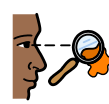
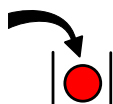
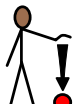
Record your predictions in the table.



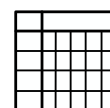
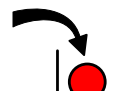
Instructions

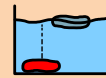
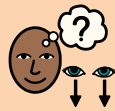


Next drop objects into the bowl and observe what happens.

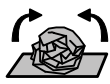
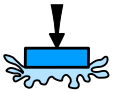


Record the results of the experiment in the table.





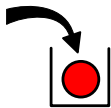
To investigate floating and sinking



Squash the tin foil ball with the rolling pin.



Drop



into



the bowl



again.



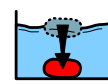
Does

it



float

or



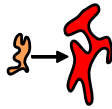
sink?



What

has

changed?



Peel

the



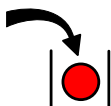
orange.



Instructions



Drop



into



the bowl



again.



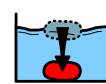
Does

it



float

or



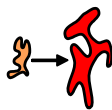
sink?



What

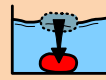
has

changed?

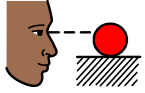


|  Object |  Prediction | |  Result | |  Why? |
|---|--|---|--|--|--|
| |  float |  sink |  float |  sink |   write down ideas |
|  metal spoon | | | | | |
|  plastic spoon | | | | | |
|  ping pong ball | | | | | |
|  orange | | | | | |
|  apple | | | | | |
|  pencil | | | | | |
|  tin foil ball | | | | | |
|  penny | | | | | |
|  feather | | | | | |
|  ice | | | | | |
|   squashed tin foil | | | | | |
|  peeled orange | | | | | |





Will the objects float or sink?



Look at



these symbols.



Will



they



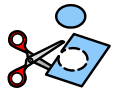
float

or



sink?

Activity 2



Cut out

+

and



stick



the symbols

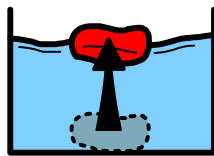


in

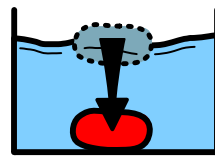


the table.

Float

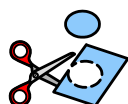


Sink





Symbols



to cut out

+

and



stick

