

Content area	Grade	Teachers
Sciences	Cycles 2/3	Guerline Saime, Sophie Choupeau, Agnès Oltra, Rémy Boutrand
Lesson Theme		
Floating & sinking : Is the floating linked to the material?		
Lesson objectives	Content	one property of materials
	Language	materials, float, sink
	Procedure	hypothesis, experimenting, conclusion
Materials and Resources		
rock, pencil, polystyrene, scissors, cork stopper, marble, basin, water, pen cap, plastic coins		
2 levels of worksheets: with words, with pictures		
Lesson stage	T's actions	Ss' actions
Introduction/ warmer	Brainstorming : show a picture of a boat on the sea / or a picture of a field trip by the riverside/seaside.	Orally listing words about the picture shown.
Scaffolding (language support)	Pictures, posters with the vocabulary written on it: float, sink and the materials. Point to, draw, Kim game	
Pre-experience hypothesis		Circle the verb in the hypothesis column.
Experience		Circle the verb in the observation column.
Post-experience	How many hypotheses were right ? wrong ? Is floating linked to the material? Why ? Show the picture of a big boat (cruise, steamboat...)	Answer the questions.
Lesson summary	What did we learn ? Some materials float, some don't.	Elaborate and write their lesson. Chant

Content area	Grade	Teachers
Sciences	Cycles 2/3	Guerline, Sophie, Agnès, Rémy
Lesson Theme		
Floating & sinking : Is floating linked to the shape of the object?		
Lesson objectives	Content	density,
	Language	shape, mass,
	Procedure	
Materials and Resources		
modelling clay		
Lesson stage	T's actions	Ss' actions
Introduction/ warmer	What did we learn last time? Write one thing you remember from last lesson. Quiz	They write and read their answers. Answer the quiz to revise.
Scaffolding (language support)	Pictures, posters with the vocabulary written on it: float, sink and modelling clay Instructions: Try and make a shape which will float. Use the modelling clay.	
Pre-experience hypothesis	Instructions: Draw the shapes you will make.	Discuss and draw the shapes.
Experience		Check if their shapes float or sink.
Post-experience	Which group made a shape float? Show your shapes to the others, what do they have in common ?	Discuss if their shapes float or not, show the shapes to the other, compare them.
Lesson summary	What did we learn?	

Content area	Grade	Teachers
Sciences	Cycles 2/3	Guerline, Sophie, Agnès, Rémy
Lesson Theme		
Floating & sinking : Is floating linked to the mass of the object?		
Lesson objectives	Content	density,
	Language	shape, mass, size, sphere, density
	Procedure	
Materials and Resources		
wooden marbles, glass marbles, lead marbles, plastic marbles, polystyrene marbles, water, glasses		
Lesson stage	T's actions	Ss' actions
Introduction/ warmer	Gives a picture of a basin (a table for grades 4 & 5) and pictures of the previously studied objects.	They stick the pictures on the surface or in the bottom
Scaffolding (language support)	Pictures, posters with the vocabulary written on it: float, sink, sphere, lead, glass, 'wooden, 'plastic Instructions:	
Pre-experience hypothesis	Instructions: Circle your hypothesis	Circle the verb in the hypothesis column.
Experience	Instructions: Do the experiences and circle the results.	Circle the verb in the observation column.
Post-experience	Which object did float ?	
Lesson summary	Mind map:	Write lead, glass, plastic, wood, polystyrene, low, high at the right place





Enregistrement automatique FLAS... Rechercher Mathilde Silva

Fichier Accueil Insertion Dessin Conception Transitions Animations Diaporama Révision Affichage Aide Partager Commentaires

 FLOAT	 SINK	 ROCK	 PENCIL
 POLYSTYRENE	 CORK STOPPER	 MARBLE	 SCISSORS
 WATER	 PEN CAP	 BASIN	 PLASTIC COINS

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FLOATING AND SINKING



float



a rock



a pencil



sink



a cork stopper



a marble



plastic coins



a pen cap



water



scissors

FLOATING AND SINKING

Let's play Kim game



float



a rock



sink



a cork stopper



a marble



plastic coins



a pen cap



water



scissors

One picture will be missing... Which one ?

FLOATING AND SINKING



a pencil



FLOATING AND SINKING

Kim game



float

a rock

a pencil

sink

a cork stopper



a marble

a pen cap

water

scissors

One picture is missing... Which one ?

FLOATING AND SINKING



plastic coins

FLOATING AND SINKING

Kim game



a rock

a pencil

sink

a cork stopper



a marble

plastic coins

a pen cap

water

scissors

One picture is missing... Which one ?

FLOATING AND SINKING



float



FLOATING AND SINKING

Kim game



float

a rock

a pencil

sink



a marble

plastic coins

water

scissors

Two pictures are missing... Which one ?

FLOATING AND SINKING



a cork stopper



a pen cap

FLOATING AND SINKING

Kim game



float

a rock

a pencil

a cork stopper



a marble

plastic coins

a pen cap

scissors

Two pictures are missing... Which one ?

FLOATING AND SINKING



sink



water

FLOATING AND SINKING

Kim game



float

a pencil

sink



plastic coins

a pen cap

water

Three pictures are missing... Which one ?

FLOATING AND SINKING



a rock



a marble

scissors

FLOATING AND SINKING

End of the game !



Name: _____









Sink or Float?

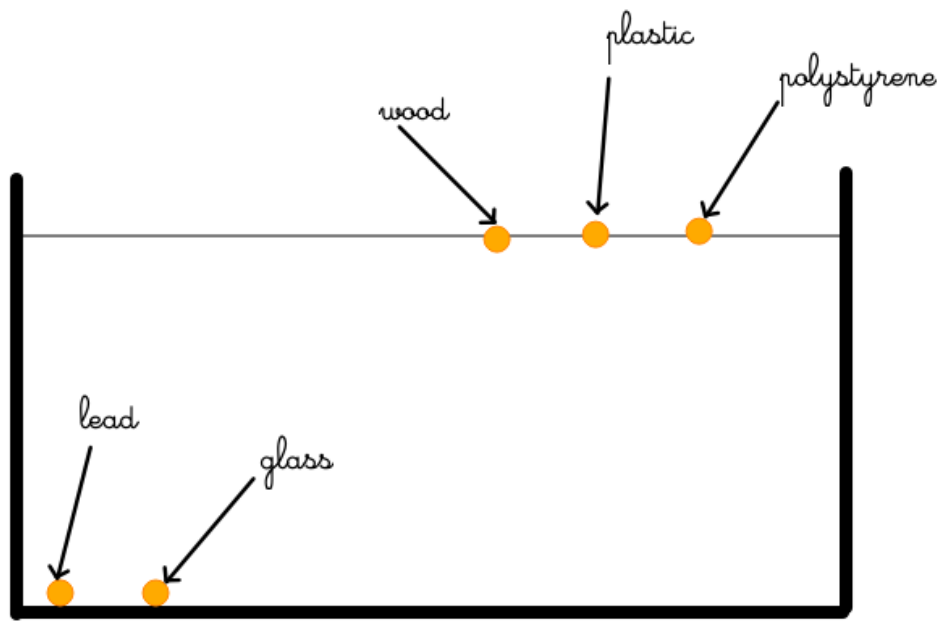
object	prediction	observation
	sink float	sink float
	sink float	sink float
	sink float	sink float
	sink float	sink float
	sink float	sink float
	sink float	sink float
	sink float	sink float
	sink float	sink float

Name: _____

Sink or Float?

object	prediction	observation
ROCK	sink float	sink float
PENCIL (WOOD)	sink float	sink float
POLYSTYRENE	sink float	sink float
SCISSORS	sink float	sink float
CORK STOPPER	sink float	sink float
	sink float	sink float
	sink float	sink float

Objects	Hypothesis	Conclusion
	Floats Sinks	Floats Sinks
	Floats Sinks	Floats Sinks
	Floats Sinks	Floats Sinks
	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks	Floats Sinks
	Floats Sinks	Floats <input type="checkbox"/> Sinks
	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks
	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks
	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks	<input type="checkbox"/> Floats <input type="checkbox"/> Sinks



● a marble



Chant:

Float and sink

Glass and wood, Glass and wood

Metal & plastic, Metal & plastic

Polystyrene, Polystyrene <https://dictionary.cambridge.org/fr/prononciation/anglais/polystyrene>

These are materials <https://dictionary.cambridge.org/fr/dictionnaire/anglais/material?q=materials>

Wood & plastic, Wood & plastic

Polystyrene, polystyrene

These are materials

They float on water

Glass & metal, Glass & metal

These are materials

Which actually sink

Which ones float?

Which ones sink?