



Lesson Plan Title: 10 Green Bottle Lotto

Concept / Topic To Teach: Can be used for all topics

Target audience: Primary school students age all primary.

General Goal(s): As a method of testing knowledge/revision

Specific Objectives: To recap the knowledge from the presentation given and to reaffirm points on/methods of water conservation.

Seven Step Link: Could link to Environmental Review Action Plan to test children's knowledge on a theme or all themes – or as part of an action plan idea to 'test' level of knowledge and awareness.



Rahara National School, Roscommon



Required Materials: List EVERYTHING you need in order to teach the lesson, even obvious things like chalk and blackboard

- Teacher's Table – need a good bit of space to lay out the bottles
- 10 Plastic Bottles (Green preferably)
- Numbers 1- 10 - These are laminated and taped to Bottle
- A4 Paper (White and another colour)
- Laminating sheets
- Laminator
- Questions and Clip art images
- Cello Tape
- A double set of numbers (cut into hand size and laminated) 1 – 40 . Print one set on White and the second set on for example Green.
(See End of document 10 Green Bottle Numbers – see the 6 and the 9 as this can lead to confusion)
- A Bag or fun hat to put the numbers in
- A big bag to carry everything in and for collecting everything at the end
- (Sample Questions, images, numbers etc on document called Green Bottle Pack)

Preparation Level: Initially High, then Medium when you have bottle prepared.

Students' pre-requisite knowledge and skills: This depends on what you have presented and/or the stage the school/class are at with regard to water conservation. Questions could be for example 'Name 3 ways of saving water at School' – and can be made as difficult or easy as you want and also varied for the ages.



Anticipatory Set (Lead-In):

- I would start off at the very beginning of the session by telling the class what we are going to do, for example “ we’re going to have a talk with some questions and then do two fun activities, and name them ‘10 Green bottle lotto’ and making ‘environmental cards’.
- Just before starting 10 green bottle, I usually ask them what the second activity was and elicit the response - 10 Green Bottle lotto! I then explain that it’s a fun game, I then explain that it’s a fun game with a difference!
- I have 10 Green Bottles...and inside 5 of the bottles are Pirates! If you get a Pirate you have a question to answer about water and everything we’ve just been talking about!
- Inside the other 5 bottles are treasure chests if you get a treasure chest you don’t have to answer a question.

NOTE (You can choose to say that you’ll get a prize when you get a treasure chest, and usually I gave out prizes after the question was answered if they got a pirate, and at the end of the activity had something for everyone)

If they are stuck on answering the questions, get the whole class to help out.

NOTE For the various age groups I would adjust the level of difficulty of the questions.

NOTE **For infants I use Pictures** – eg a scroll with a picture of a shower and a bath and the choice/question is: ‘which is better/or which uses less water?’ Or a picture of someone brushing their teeth and ask ‘what should you do remember to do when brushing your teeth?’



Step-By-Step Procedures: List, in order, step-by-step instructions for how to conduct the lesson.

1. When introducing the activity, place the bottles in a row 1-10 across the teacher's table at the front.
2. Explain you have a set of numbers and everyone will get a number, ask the teacher to help you distribute them. Hand out numbers 1-25 if there are for example 25 in the class that day.
3. In a bag or a hat (I use a green novelty hat) place the set of 25 duplicate numbers – explain to the children what you're doing and that you're jumbling them all up.
4. Ask everyone if they have a number?
5. Then perhaps ask the teacher to pull a number out.
6. Ask the person whose number was pulled out to come to front and select a bottle, encourage them to open it and take out the message.
7. If it's a pirate, ask them to read out the question to the class and then look for the answer(s)
8. If they need help, you can prompt or get the class to join in.
9. If they get a treasure chest, I usually give them a sheet of stickers or an ENFO notebook.
10. If it's a pirate I would ask the class should 'name' get a prize and everyone so far has always said yes.
11. The children usually get really into this activity and when the number is pulled out and the person is going up the front to select and open a bottle, you could ask 'do you think it's a pirate or a treasure chest?! And see what happens!!





12. At the end I would usually give all the class stickers also, or notebooks I have got from ENFO for example – It's up to yourself if you want to do it this way or just have the question system Pirate/Treasure chest without prizes at all.

13. Ask for some helpers to collect the numbers

Have fun!

Closure:

Ask "Did you all enjoy that" and you could pull out a number of the answers they gave and just recap and further emphasise eg. on ways of saving water at home and school.

Adaptations for students with learning difficulties:

Instead of questions you can use picture diagrams and talk the students through what is happening in the picture. Could be a dripping tap etc etc.

This is the approach used with infants and when they take out their message just talk them through the options.

Extensions (for gifted students)

The activity is done on a class basis so it all wraps up at the same time and the suspense element seems to keep everyone involved and interested until the end.

Links to other subjects

Essentially is a method of recapping knowledge.

Can be adapted for any theme, and sometimes I would mix all themes, if they are on Water, I will ask them energy and Litter and Waste questions.

Below

Numbers 1 to 10

Numbers 1 40 (duplicate)

Sample Pirate Questions

Treasure Chests

Sample Images (For use with infants)



1

6

2

7

3

8

4

9

5

10



1

1

2

2

3

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4

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... Name three
ways you can save
water at home?



... Name 3
other Countries that
have Green-Schools?



... What do you
like about going to a
Green-School?



... What Green
Flag comes after
Water?



... How much
water could be lost if
we left the tap running
when we brush our
teeth ?





