



Thematic Assessments Year 4 Science, Social Studies, Health

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God is Love Assessment Year 4

Present a report on an interview with an elderly person.

Your task:

1. Choose a person you know, over the age of 65, and ask them if they would like to take part in an interview with you, about their life. Choose 10 questions that you will be asking this person. Have a note pad to take notes for the answers.
2. After the interview, write up a final copy for presentation. **(20 marks)**
3. Choose 5 most interesting or outstanding points to share with the class in an oral presentation. **(10 marks)**

The interview

Childhood

1. What toys did you play with as a child? What was your favourite?
2. Did you have pets as a child? What kind and what were their names?
3. What jobs to do to help at home?
4. What was your favorite subject in school? Did you have a lot of homework?
5. Who was your favourite teacher? Why?
6. What was your home like? How was it different to today? Did you have the same household appliances as today?

Young Adult

1. What did you do when you left school?
2. Did you have children? Boys or girls?
3. What was the best thing about this part of your life?

Older Adult

1. What is your favorite hobby or activity now?
2. Do you have grandchildren? Do you see them often?
3. What is the best part about being (or not being) a grandparent?
4. What are some of the biggest changes you've seen in your lifetime?
5. What age has been the best age of your life? Why?
6. What is the most important lesson you've learned in your life?

The report

Present this neatly. At the end, compare your childhood with the childhood of your elderly friend. Write about something that is the same, and something that is different.

Make a list of the 5 most important things you learned from the interview and share with the class.

Total marks: 30

God is Provider Assessment Year 4: WATER

1. After you have performed these science investigations with your teacher, write the instructions and results for each one on a piece of paper.. **10 marks each**

- a) how water exists in the three states of matter
- b) that plants depend on water
- c) that water can make some objects float
- d) that water will soak into some materials

Score: _ 40

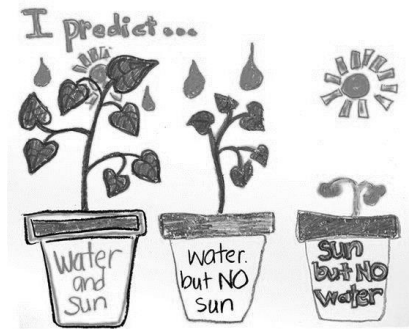
Water in 3 states of matter

- Take an ice block, let it melt. (solid to liquid)
- Boil some water in a kettle. Watch the steam come from the spout. (liquid to gas)
- Place a plate at the spout of the kettle of boiling water. See droplets form on the plate from the steam, (gas to liquid)



Plants depend on water

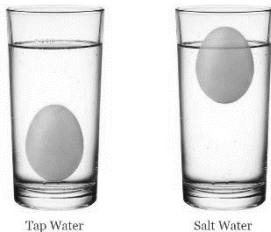
- Plant three plants in three pots.
- Place one in the dark, (e.g. in a cupboard) and give it water.
- Place one in the light but give it no water.
- Place one in the sunlight and give it water.
- What does this show us?



Water can make things float

Why does adding salt make the egg float?

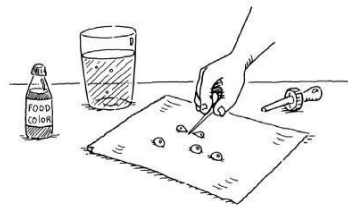
See the Yr 4 Science experiments document for the floating egg experiment.



Water soaks into some material but not others.

Collect a range of fabrics and materials, e.g. cotton, wool, plastic, paper, glass, wood. When the water soaks in we say that the material absorbs the water.

After testing each material with water, make a chart and list the materials. Give 5 ticks for the one that absorbs the most water and 0 ticks to the one that absorbs no water (and in-between numbers for absorbing a little bit.)



Assessment God is our Saviour Year 4 Score __ 50

Present information on one Asian country.

Include the following:

1. Map of Asia showing the country you have chosen.
2. Write some facts about your country:
For example:
 - a) Capital city
 - b) Names of the main land features such as rivers, deserts or mountain ranges
 - c) Climate and weather
 - d) Main farming products
 - e) Typical food eaten by the people
 - f) Main religion



Note that Australia and New Zealand are not part of Asia. They are just there to show location.

God is Pure and Holy Year 4 Assessment

Perform a science experiment with your teacher to find out which cleaning product works the best – detergent, soap powder, bi-carb soda, vinegar (lemon juice).

Make a chart about what each of these cleaning products can do. Give each of the products a score out of 5, for how well they do the job, e.g. if detergent makes bubbles very well, give it 5 ticks.

| | Detergent | Soap powder | Bi-carb soda | Vinegar |
|--|-----------|-------------|--------------|---------|
| Makes bubbles | | | | |
| Cleans clothes (dirty pieces of cloth) | | | | |
| Cleans dishes | | | | |

To test how well the cleaning products clean clothes, cut up pieces of white cloth and make them dirty with things like mud, chocolate, coffee, orange juice for example.

Write up your science experiment.

1. Name of experiment: *Testing cleaning products*
2. Things we need
3. What did you do?
4. Results (the chart)
5. Write in a sentence your conclusion

50 marks

God is Creator Year 4

Assessment

Name

After completing the *Ecosystems* research cards, answer the following questions.

10 marks

1. A food chain always starts with
 - a) birds
 - b) insects
 - c) plants
2. Put numbers 1, 2, 3, 4 on the pictures to show what is first, second, third and last in the food chain.



3. A herbivore is an animal that
 - a) eats insects
 - b) eats plants
 - c) eats both plants and animals
4. In an ecosystem there are producers and consumers. Which one of these is true?
 - a) The plants consume food
 - b) Animals are consumers because they eat the plants.
5. All parts of the ecosystem are dependent on one another. This means that if one part gets taken away then another part will die. In a rainforest, what would happen to the animals if the trees are taken away?

6. Name two **non-living** things in an ecosystem.

7. Name three animals that live in the African grasslands.

8. Which of these animals does NOT live in Antarctica:

- a) A penguin
- b) A whale
- c) A jaguar

9. On a coral reef, small fish swim together

- a) because they are a family
- b) to keep each other safe
- c) because they are looking for food

10. Tropical rainforests are:

- a) hot and wet
- b) cool and wet
- c) cool and dry

Score __ 10

God is Wise Year 4 Assessment

Name

Work through the 'Healthy Me' research cards and rate yourself out of 5 for each challenge, (5 being the highest score and 0 being the lowest.)

Total score = %

180

Week 1

| Water | rating |
|---------------------|---------------|
| Monday | |
| Tuesday | |
| Wednesday | |
| Thursday | |
| Friday | |
| week-end | |
| Total score: | /30 |

Week 2

| Fruit and vegetables | rating | Snacks | rating |
|-----------------------------|---------------|---------------|---------------|
| Monday | | | |
| Tuesday | | | |
| Wednesday | | | |
| Thursday | | | |
| Friday | | | |
| week-end | | | |
| Total score: | /30 | | /30 |

God is Wise

Week 3

| Healthy Breakfast | rating | Healthy Lunch | rating |
|---------------------|------------|---------------|------------|
| Monday | | | |
| Tuesday | | | |
| Wednesday | | | |
| Thursday | | | |
| Friday | | | |
| week-end | | | |
| Total score: | /30 | | /30 |

Week 4

| The Family meal | rating |
|---------------------------------------|------------|
| 1. Meal planning | |
| 2. Table setting | |
| 3. Food preparation and cooking | |
| 4. Serving and presentation | |
| 5. How healthy is the meal? | |
| 6. How did the family enjoy the food? | |
| Total score: | /30 |

Score for the whole week /180

Assessment Part A 10 marks

- 1. Name three talents that you have. (3 marks)

- 2. Name something that you are not so good at, but would like to try and get better at it. (2 marks)

- 3. Choose one of your talents and explain how you could use it to help others. (5 marks)

Assessment Part B 10 marks

Choose a person that you could help by using your talents. After helping this person, write a report on what you did.

- 1. The name of the person I am helping is _____
- 2. I can help this person using my talents of _____
and _____
- 3. I can help this person by

Total /20

God is Protector Year 4

Assessment

Name

Do this test after you have completed the *Taste and Smell* research cards.

1. We smell something when the nerves in our nose send a message to the

- a) mouth
- b) air
- c) brain

(1 mark)

2. On our tongue we have four different kinds of taste buds. Here they are in jumbled letters. The beginning letter is underlined.

- a) wtese _____
- b) rous _____
- c) tertbi _____
- d) ytsla _____

(4 marks)

3. On which part of the tongue do we smell sweet things? (1 mark)

- a) tip
- b) back
- c) side

4. Name a food that is sour. _____ (1 mk)

5. Name something that tastes bitter. _____ (1 mk)

6. Our sense of smell protects us. What bad thing could happen if we couldn't smell? (3 marks)

7. Our sense of taste protects us. What bad thing might happen if we couldn't taste? (3 marks)

8. Taste and smell work together. What happens to your sense of taste when your nose is blocked and you can't smell? (3 marks)

9. Some children do not like the taste of healthy foods like vegetables. Which of the following would be the best thing to tell them? (1 mark)

- a) If you try eating the vegetables often and for long enough your taste buds will get used to the taste.
- b) Don't bother eating vegetables. Just eat packaged food.
- c) It doesn't matter if you don't eat vegetables.

10. God gave us the senses of taste and smell to protect us and also to enjoy. (2 marks)

- a) Write down one of your favourite tastes. _____
- b) Write down one of your favourite smells. _____

Score: ____
20

God is Truth Year 4

Assessment

Name

Do this test after completing the “Rocks” research cards.

Score /10

1. Minerals are found in the ground. An example of a mineral is
 - a) cassava which is a root vegetable
 - b) silica, from which sand is made
 - c) roots of a tree

2. Some minerals form precious gemstones. An example of a gemstone is
 - a) pearl
 - b) a diamond
 - c) a piece of glass

3. Rocks that form from the lava of a volcano are called
 - a) metamorphic
 - b) sedimentary
 - c) igneous

4. Rocks that are formed from sand and gravel on the bottom of a river bed, all pressed together, are called
 - a) metamorphic
 - b) sedimentary
 - c) igneous

5. Rocks that are formed from other types of rocks are called
 - a) metamorphic
 - b) sedimentary
 - c) Igneous

6. Meteorites are
 - a) very large rocks from outer space
 - b) rocks from a volcano
 - c) rocks from deep inside the earth

7. The craters in the moon have been formed by
- a) earthquakes
 - b) meteorites flying into the surface of the moon
 - c) volcanic eruptions
8. The earth does not experience meteorites very often because God has provided the earth with
- a) oxygen
 - b) the sea
 - c) the atmosphere
9. Many scientists say that rocks are millions of years old. This is because the methods they use to find out how old things are, are not correct. For example, this hat, turned to stone by the Mt Tarawera volcanic eruption, in New Zealand, would be dated as millions of years old. Explain why this hat could not be millions of years old. (1 mark)



10. Draw a picture of the inside of a limestone cave, showing *stalactites*, *stalagmites*. Write a sign on each one. (1 mark)

Score /10

God is Truth

Answers for teachers:

1b, 2b, 3c, 4b, 5a, 6a, 7a, 8c, 9 hats like this did not exist millions o years ago 10 stalactites hold 'tight' to the ceiling of a cave; stalacmites grow from the floor upwards.