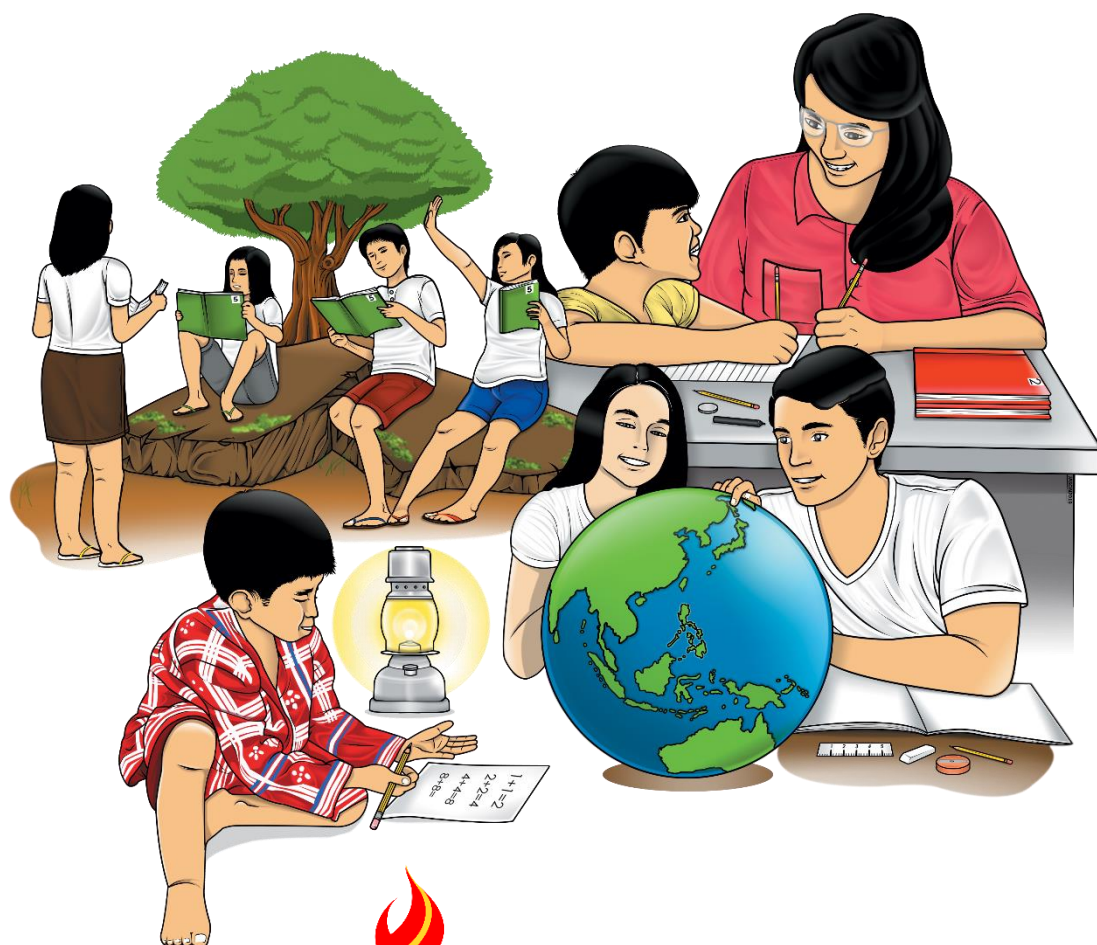


Mathematics

Quarter IV – Module 80:

Describes events in real-life situations using the phrases “sure to happen”, “likely to happen” , “equally likely to happen”, “unlikely to happen”, and “impossible to happen”.



Mathematics – Grade 3
Alternative Delivery Mode
Quarter 1 – Module 1: Visualizing Whole Number
First Edition, 2019

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Development Team of the Module

Authors: MICHELLE CHARISSE N. MAGDOBOY

Editor: Name

Reviewers: Name

Illustrator: Name

Layout Artist: Name

Management Team: Name

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This instructional material was collaboratively developed and reviewed by educators from public and private schools, colleges, and or/universities. We encourage teachers and other education stakeholders to email their feedback, comments, and recommendations to the Department of Education at action@deped.gov.ph.

We value your feedback and recommendations.

Introductory Message

For the facilitator:

(This gives an instruction to the facilitator to orient the learners and support the parents, elder sibling etc. of the learners on how to use the module. Furthermore, this also instructs the facilitator to remind the learners to use separate sheets in answering the pre-test, self-check exercises, and post-test.)

For the learner:

(This communicates directly to the learners and hence, must be interactive. This contains instructions on how to use the module. The structure and the procedure of working through the module are explained here. This also gives an overview of the content of the module. If standard symbols are used to represent some parts of the module such as the objectives, input, practice task and the like they are defined and explained in this portion.)

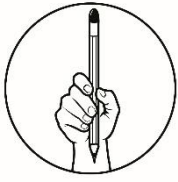


What I Need to Know

This module was designed and written with you in mind. It is here to help you comprehend probability. The scope of this module permits it to be used in many different learning situations. The language used recognizes the diverse vocabulary level of students. The lessons are arranged to follow the standard sequence of the course. But the order in which you read them can be changed to correspond with the textbook you are now using.

After going through this module, you are expected to:

1. Describes events in real-life situations using the phrases “sure to happen”, “likely to happen”, “equally likely to happen”, “unlikely to happen”, and “impossible to happen”.



What I Know

What are the chances of each event occurring today? Place a check mark under the correct category for each event.

What are the chances?

	Impossible	Unlikely	Equally likely	Most likely	Sure
1. The sun rising					
2. Getting head when tossing a coin					
3. Climbing Mt. Pinatubo					
4. Losing a tooth					
5. Eating ice cream					
6. Reading a book					
7. Playing a game					
8. Seeing a rainbow					
9. Going to school today					
10. Taking a bath everyday					

Lesson

Describes events in real-life situations using the phrases "sure to happen", "likely to happen", "equally likely to happen", "unlikely to happen", and "impossible to happen".

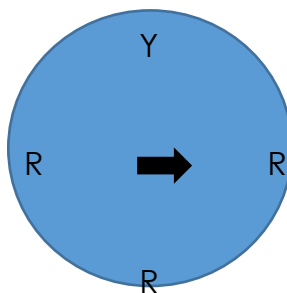
What are your dreams in lives? What are the things you want to happen in your lives? Are they sure, likely, equally likely, unlikely, or impossible to happen?



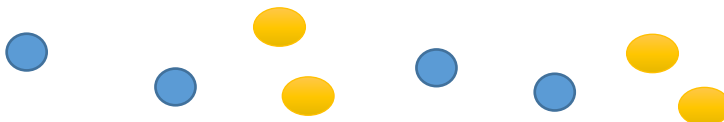
What's In

Divide the class into groups of fives. Provide each group with the following events/ situations written in strips of cartolina or card board. Say: What do you think is the chances of the following event or situation to happen the next day, will it be impossible, unlikely, equally likely, most likely or sure to happen? Why? Let them write their answers on their answer sheet or paper.

1. How likely is it that the spinner will land on "R"?



2. If you select a marble without looking, how likely is that you will pick a blue one?





Notes to the Teacher

The correct answer is case to case basis



What's New

Activity 1

Write impossible, unlikely, equally likely, most likely or sure.

1. Situation in class:

30 in a class

of pupils:

2- gardening

7- cleaning the classroom

8- playing

13- studying

	Impossible	Unlikely	Equally likely	Most likely	Sure
1. gardening					
2. cleaning					
3. playing					
4. studying					

5. cleaning and playing					
6. absent					
7. going to school					



What is It

In Real-Life Situation:

Certain or Sure are activities that will surely happen.

Impossible: will not happen at all

Unlikely: often times

Equally: 50% true to happen, 50% Where not happen.

Most likely: several times to happen.

Show a box with 6 blue marbles inside it. Let them count the number of marbles.

Ask: What object will I pick from the box? Will I be sure that every time I pick an object it will be marble? Why? (*Marble will be picked. This is **certain** or **sure** because all the objects inside the box are marbles.*)

Put one pinpong ball on the box. Let them count the number of marbles and pingpong balls.

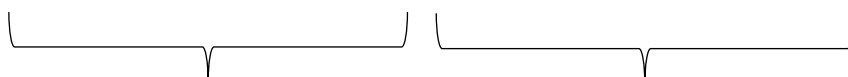
Ask: Do you think I will always pick a marbles now? Will I be sure that every time I pick it will be marble? Why? What do you think will be my chance of getting a marble, will it be **most likely** or **sure** to happen? Why? (***Most likely to be picked** because there are 6 marbles and only one pinpong ball.*)

Ask: What do you think is my chance of getting a jackstone ball? Why? (***Impossible to happen** because there is no jackstone in the box.*)

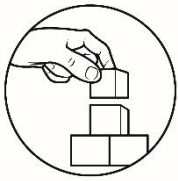
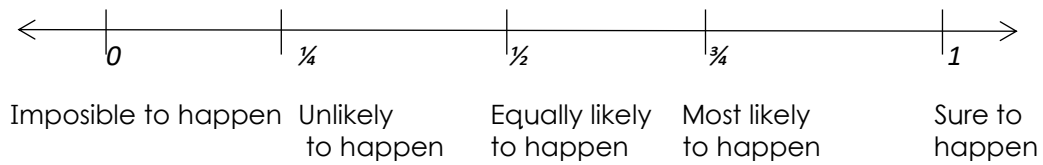
What about my chance of getting a pingpong ball, will it be **impossible**, **unlikely**, **most likely** or **sure** to happen? Why? (***Unlikely to be picked** because there is only one pingpong ball and 6 marbles.*)

Put 5 more pingpong balls in the box. Ask the pupils to count the pingpong balls and the marbles inside the box.

Ask: Now, what is the likelihood that I will get a pingpong ball? Marble? Why? (***Equally likely to be picked** because there are the same number of pingpong balls and marbles inside the box.*)



Say: Let us make a number line to show different chances of an event to happen.



What's More

Activity 2

Situation: Activities done by the family Monday-Sunday

A. Use the following words to describe how likely it is on the given number

(s): *sure, most likely, equally likely, unlikely and impossible.*

1. Play a board game.
2. Visit the beach.
3. Plant a garden.
4. Go on a picnic.
5. Eat together.
6. Say I Love You every day.
7. Pray together every night.
8. Watch television.
9. Go swimming.
10. Walk to the store and buy groceries.



What I Have Learned

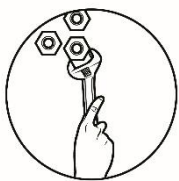
Say: The chance that something will happen- how likely it is that some event will happen is called probability.

Ask: What are the different chances that an event will happen?

When can you tell whether an event will happen?

You can tell whether the event is most likely to happen, equally to happen or unlikely to happen based on given facts.

Note to the teacher: the correct answer is case to case basis



What I Can Do

Activity 4

A. Describe an event as impossible, unlikely, equally likely, most likely and sure to happen.

1. If my mom will give birth, it is a girl.

Chances: _____

2. We will have rain on month of April.

Chances: _____

3. The stars will be seen at the sky every night.

Chances: _____

4. The cats and dogs will talk.

Chances: _____

5. I will not watch TV the whole year.

Chances: _____

6. I will see a falling stars my whole life.

Chances: _____

7. The fish will jump out of the lake and walk.

Chances: _____

8. Lantern on the street on Christmas Eve.

Chances: _____

9. There will be fireworks on New Year's Eve.

Chances: _____

10. I will see a rainbow tonight.

Chances: _____



Assessment

What are the chances of each event occurring for you today or happening to you today? Place a check mark under the correct category for each event.

What are the chances?

	Impossible	Unlikely	Equally likely	Most likely	Sure
1. Meeting a TV personality					
2. Going to school					
3. Attending flag ceremony					
4. Playing a computer game					
5. Drinking milk					
6. Reading a book					
7. Flying to the moon					

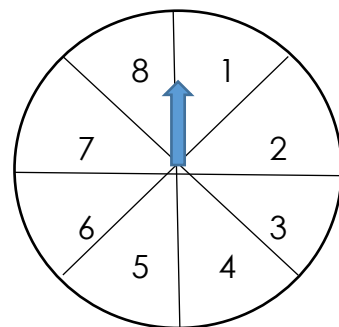
8. Sleeping under a tree					
9. Washing clothes					
10. Eating a candy					

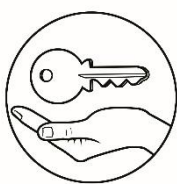


Additional Activities

Use the following words to describe how likely it is the spinner to land on the given number (s): *sure, most likely, equally likely, unlikely and impossible.*

1. Even numbers _____
2. Odd numbers _____
3. Factors of 8 _____
4. Multiple of 2 _____
5. Number 10 _____
6. Multiple of 3 _____
7. Factors of 6 _____
8. Zero _____
9. Multiple of 4 _____
10. Factors of 24 _____





Answer Key

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References

K TO 3 LEARNER'S MATERIAL IN MATHEMATICS

For inquiries or feedback, please write or call:

Department of Education – (Bureau/Office)

(Office Address)

Telefax:

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