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TEACHER'S NAME: …… TSC NO: …….

SCHOOL/INSTITUTION: ……

FORM: 3 **TERM: ……**
YEAR……..

NUMBER OF STUDENTS……. **SUBJECT: BIOLOGY**

TOPIC: CLASSIFICATION II

SUB-TOPIC: REVIEW OF BINOMIAL NOMENCLATURE.

WEEK: …….. **LESSON NUMBER: ……..**

DATE: …….. **TIME: …….**

OBJECTIVES: **By the end of the lesson the learner should be able to;**

-Classify common organisms into their main taxonomic units
-Write scientific names of organisms correctly
-List the kingdoms of organisms

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	**INTRODUCTION** Ask questions to test the extent to which the learners remember the binomial nomenclature learnt in form 1.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	KLB biology students' book 1.
30 MINUTES	**BODY DEVELOPMENT** -Reviewing the work done in classification 1 -Classifying and naming common organisms like maize, beans, domestic dog and jack	-Reviewing the work done in classification 1 -Classifying and naming common organisms like maize, beans, domestic dog and jack	-Local environment -Potted plant -Use of preserved specimen of plants and animals	-KLB secondary Biology Students book 3 Page 1-3 -KLB teachers book 3 pages 1-3 -Principles of biology vol. 2 pages 1-4

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5 MINUTES	**CONCLUSION** Oral evaluation on the sub-topic's objectives.	Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 1-4

SELF-EVALUATION:-

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SCHOOL/INSTITUTION: ……

FORM: 3 **TERM: ……**
YEAR……..

NUMBER OF STUDENTS……. **SUBJECT: BIOLOGY**

TOPIC: CLASSIFICATION II

SUB-TOPIC: KINGDOM MONERA.

WEEK: …….. **LESSON NUMBER: ……..**

DATE: …….. **TIME: …….**

OBJECTIVES: **By the end of the lesson the learner should be able to;**

-Describe the general characteristics of Kingdom monera

LESSON PRESENTATION

TIME	**CONTENT**	**LEARNING ACTIVITIES**	**RESOURCES**	**REFERENCE**
5 MINUTES	**INTRODUCTION** Give examples of the members of the kingdom monera giving a brief explanation.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 5-6
30 MINUTES	**BODY DEVELOPMENT** -Discussion on the general characteristics of Kingdom monera	-Discussion on the general characteristics of Kingdom monera	-Local environment on a typical bacteria cell and different types of bacteria	-KLB secondary Biology Students book 3 Page 3-4 -KLB teachers book 3 pages 12-27 -Principles of biology vol. 2 pages 5-6

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5 MINUTES	**CONCLUSION** Answering questions from the learners for clarity purposes.	Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 5-6

SELF-EVALUATION:-

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SCHOOL/INSTITUTION: ……

FORM: 3 **TERM: ……**
YEAR……..

NUMBER OF STUDENTS……. **SUBJECT: BIOLOGY**

TOPIC: CLASSIFICATION II

SUB-TOPIC: KINGDOM PROTOCTISTA.

WEEK: …….. **LESSON NUMBER: ……..**

DATE: …….. **TIME: …….**

OBJECTIVES: **By the end of the lesson the learner should be able to;**

-Describe the general characteristics of Kingdom protoctista.

-Observe, draw and name parts of spirogyra, amoeba, paramecium and euglena.

LESSON PRESENTATION

TIME	**CONTENT**	**LEARNING ACTIVITIES**	**RESOURCES**	**REFERENCE**
5 MINUTES	**INTRODUCTION** Ask probing questions leading in the knowledge of the kingdom protoctista.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-KLB secondary Biology Students book 3 Page 4-5
30 MINUTES	**BODY DEVELOPMENT** -Describe the general characteristics of Kingdom protoctista. -Observe, draw and name parts of spirogyra, amoeba, paramecium and euglena.	-Observing, drawing and naming parts of spirogyra, amoeba, paramecium and euglena	-Local environment -Hand lenses -Microscope -Protozoa infusion (cultured)	-KLB secondary Biology Students book 3 Page 4-5 -KLB teachers book 3 pages 12-27 -Principles of biology vol. 2 pages 6-8

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5 MINUTES	**CONCLUSION** Giving assignment on the sub-topic.	Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-KLB secondary Biology Students book 3 Page 4-5

SELF-EVALUATION:-

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SCHOOL/INSTITUTION: ……

FORM: 3 **TERM: ……**
YEAR……..

NUMBER OF STUDENTS……. **SUBJECT: BIOLOGY**

TOPIC: CLASSIFICATION II

SUB-TOPIC: KINGDOM FUNGI.

WEEK: …….. **LESSON NUMBER: ……..**

DATE: …….. **TIME: …….**

OBJECTIVES: **By the end of the lesson the learner should be able to;**

-Describe the general characteristics of Kingdom fungi.
-List down all the members of kingdom fungi.

-Draw and name parts of bread mold (mucor), yeast and mushrooms.

LESSON PRESENTATION

TIME	CONTENT	LEARNING ACTIVITIES	RESOURCES	REFERENCE
5 MINUTES	**INTRODUCTION** Give some examples of the members of the kingdom fungi.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 11-14
30 MINUTES	**BODY DEVELOPMENT** -Describe the general characteristics of Kingdom fungi. -List down all the members of kingdom fungi. -Draw and name parts of bread mold (mucor),	-Describing the general characteristics of Kingdom fungi -Naming and drawing organisms in this kingdom.	-Local environment -Wall charts on fungi -Specimen of fungi -Hand lenses microscope	-KLB secondary Biology Students book 3 Page 6 -KLB teachers book 3 pages 12-27 -Principles of biology vol. 2 pages 11-14

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	yeast and mushrooms.			
5 MINUTES	**CONCLUSION** Oral evaluation to test the achievement of the sub-topic's objectives.	Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 11-14

SELF-EVALUATION:-

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SCHOOL/INSTITUTION: ……

FORM: 3 **TERM: ……**
YEAR……..

NUMBER OF STUDENTS……. **SUBJECT: BIOLOGY**

TOPIC: CLASSIFICATION II

SUB-TOPIC: KINGDOM PLANTAE-BRYOPHYTA.

WEEK: …….. **LESSON NUMBER: ……..**

DATE: …….. **TIME: …….**

OBJECTIVES: **By the end of the lesson the learner should be able to;**

-Describe the main characteristics of kingdom plantae.
-Describe the main characteristics of bryophyte.

LESSON PRESENTATION

TIME	**CONTENT**	**LEARNING ACTIVITIES**	**RESOURCES**	**REFERENCE**
5 MINUTES	**INTRODUCTION** Ask probing questions.	Discussion. Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 15
30 MINUTES	**BODY DEVELOPMENT** -Discussion on the main characteristics of kingdom plantae -Describing and stating the main characteristics of bryophyta	-Discussion on the main characteristics of kingdom plantae -Describing and stating the main characteristics of bryophyta	-Local environment -Wall charts -Live specimens of moss	-KLB secondary Biology Students book 3 Page 7 -KLB teachers book 3 pages 12-27 -Principles of biology vol. 2 pages 15

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5 MINUTES	**CONCLUSION** Answering questions from the learners for clarity purposes.	Questions and answers.	-Chalk board/white board. -A piece of chalk/ marker pen.	-Principles of biology vol. 2 pages 15

SELF-EVALUATION:-

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