

To achieve the goal of teaching, the teacher must adopt effective teaching methods in education. The teacher has many options to choose from different teaching techniques designed specifically for teaching and learning.

Writing lesson plans is a foremost thing that a teacher must do before executing any teaching strategy in the class. The teaching method should be adopted on the basis of certain criteria like the knowledge of the students, the environment and the set of learning goals decided in the academic curriculum.

Students respond differently to different methods of teaching.

1. **LECTURE METHOD**

The first method of teaching is known as lecture method. Lecture method is the type of method which involves formal of a discourse of a sum. It is an instruction technique which is presented orally. A teacher or lecture exemplifies a one communication term; it is used to introduce the course material to give students.

The following are the advantages of lecture method

- The teacher is in total control of the classroom.
- It saves time to cover a wider topic.
- It makes a teacher an active participant.

However the following are the disadvantages of lecture method.

- it is teacher centered
- learners becomes passive recipients
- it encourages one way communication
- slow learners may miss important points
- encourages learners to depend on the teacher

Every method of teaching is applicable in many subjects. However lecture method is applicable in the informational subjects. These include;

- History
- Civic Education.
- Civics.
- R.E.

Lecture method is one the methods which can be improve by the teacher and the students. The teacher should create lesson to be conducive by allowing students to take part in the lesson.

2. DEMONSTRATION METHOD

This method involves the presentation of a pre-arranged series of events to a group for their observation. This is accompanied by explanatory remarks. This method is most commonly used in science and fine arts. It can be used in giving information, training and knowledge. Anderson (1903:9), further contributed that, “the demonstrations should be selected both in terms of the needs of the observers as well as the ideas, materials, procedures or techniques which can be observed profitably.”

ADVANTAGES OF DEMONSTRATION

- i. The demonstrations can open a student’s eye to a new world of understanding.
- ii. The demonstration shortens the time for learning and lengthens the memory of facts and principles.
 - i. The demonstration is quite effective in making clear to the participants and observers the relationship between skills and their purpose.
 - ii. The demonstrations foster good thinking in group and individuals.
 - iii. The demonstration aids in bringing about a relationship between the theory and practice.
 - iv. Thus, demonstration, if it is well planned, conducted and followed, can be a useful approach in teaching.

DISADVANTAGES

- i. It has no permanent record; one can be too slow or fast.
- ii. It can be expensive in terms of material costs.
- iii. It can be too long and in consequence, learners may lose interest.
- iii. Teachers need a lot of time to rehearse.

To make this method improved and successful, a teacher must plan the demonstrations in great detail and rehearse it; make sure that all the material and illustrations are nearby when the demonstrations begins; and a teacher must break down the demonstration into a simple step-by-step pattern so that it can be easily understood by the class. Sir John (1964:302) added that, “to enhance this demonstration in a classroom situation a teacher should proceed with the demonstration slowly so that all the pupils may easily grasp the details, and whenever possible, involve pupils in the demonstration.

➤ Mathematics

- Home science
- Wood work
- Physics
- Chemistry
- R.E

3. **DISCUSSION METHOD**

Apart from lecture method, another type of method of teaching is known as DISCUSSION METHOD. This is the type of method of teaching where a teacher gives the all class or different groups within the class. The teacher can just give a topic to the class or a group to discuss.

The following are the advantages of discussion methods.

- It helps to clarify the difficulties as rising from the lesson.
- It helps to develop students with various skills and abilities. E.g. skills and abilities such as critical and logical thinking.
- It helps those who are shy to overcome shyness.
- It encourages pupils to research more about the given topic.
- A lot of work can be covered by a group if topics are different.

Not only that, discussion method of teaching has also the disadvantages and these include;

- Sometimes learners may not understand the topic fully.
- If the discussion methods are used constantly, the teacher became lazy such that he/she cannot prepare anything to teach the pupils.
- Slow learners do not discussion in that, they may not participate much.
- It promotes noise through loud discussion and hence disturbs other classes.

Discussion method is applicable in the following subjects.

- Mathematics.
- Physics.
- Chemistry.
- Geography.
- History.

For discussion method to be improved, the teacher should be able to control the learners, this is because if the groups are not controlled, it can result in the nosily discussion which can disturb others

class. However, the teacher should make sure that he/she goes through the groups to guide the learners when help is needed. In addition to this, the teacher should make sure that in every group they are representatives who will be able to control the group.

4. **A PANEL METHOD.**

This is when students are selected as panelists to discuss a given topic. Each panelist is free to air his/her views on the issue or certain aspects of the issue. There should be a moderator who gives turns to people who ask on what the panelist said. Address the moderator and in turn the moderator applies to the panelists to speak. Panelists must be given enough time to research on the topic before they come to discuss. The **advantages** of this teaching strategy are that:

- It encourages Students to research for information and develop skills for public address.
- Experts present different opinions.
- Can provoke better discussion than a one person discussion.
- Frequent change of speaker keeps attention from lagging.
- Personalities may overshadow content

Thus, **the disadvantages** of this method are that:

- When there is no moderator who should give turns to people who ask on what the panelists said.
- Experts are often not effective speakers.
- Subject may not be in logical order.
- Not appropriate for elementary age students.
- Logistics can be troublesome.
- Teacher coordinates focus of panel, introduces and summarizes.
- Teacher briefs panel.

This type of method is applicable in the following subjects;

- English
- History
- R.E
- Civic Education

5. **SYNTHETIC METHOD**

Synthetic method is another type of method which is used in teaching. This method proceeds from known to unknown. However, this is the type of method where by a teacher put things together which are apart. In short synthetic method is the type of method of putting together known bits of information to reach the point where unknown information becomes obvious and true.

Synthetic method has the following merits.

- It is a short and elegant method.
- It glorifies memory of the learners.
- It suits the teacher.
- It follows the same process as given in the text book.

Demerits of synthetic methods are;

- It leaves much doubt in the mind of the learners.
- It offers no explanations for them.
- Learners become perplexed when new problem is put on them.
- It does not provide full understanding.
- There is no scope of discovery and thinking in this method.
- Home work and memory work are likely to become heavy for the learners.

Subjects where synthetic method is applicable are;

- English.
- History
- Mathematics
- Civic Education
- R.E
- Geography

For this method to be successful the teacher should show the learner on how to go with it and he must also motivate them. On the other hand, the teacher should show ways of answering the give work when the learners are at home.

6.PEER-TUTORING METHOD.

This type of method is where a teacher selects learners who perform well to tutor other who are having difficulties with the lesson. This method is more applicable in colleges, universities and other higher learning institutions.

Merits of peer-tutoring

- It develops a friendly relationship between the tutor and the tutee.
- It develops good communication skills between the tutor and the tutee.
- It makes students who tutor other usually learn to be responsible people.

- It helps both tutor and tutee to perform well in classroom work.
- The situation becomes impressive.
- The syllabus can be covered in a short period of time.

Demerits of peer- tutoring.

- It leaves some stone unturned for the learners
- At times they are no respect between the tutor and the tutee because they think that they are of the same age.
- Experimentation is totally neglected.
- They are no opportunity for other students to discover and find out facts for themselves.

The following are the subjects in which peer-tutoring method is applicable.

- History
- English
- Mathematics
- R.E
- Civic Education

For this method to be effective, a teacher must select tutor within the class. This we make the learners to feel comfortable with the tutor reason why, they in the same line.

7. Programmed Teaching Method

Programmed teaching method is a technique of teaching in a sequence of controlled steps, sometimes referred to as programmed learning; it is the product of a careful development process resulting in a reproducible sequence of instructional events, which has been demonstrated to produce measurable and consistent learning by students. It is mostly related with teaching using mechanical devices which are employed to present systematically a programmed sequence of instruction to a student. For instance tapes, modules and computers

The Potential of programmed learning as a teaching method are that:

- Most programs are self-paced.
- Students who can work rapidly are not held back, and those who need to work more slowly have a chance to master each stage of a program before moving on to the next stage.
- Individual progress can be continuous and the overall efficiency of the system becomes quite high.
- Programmed learning can dramatically increase a student's access to information.
- The program can adapt to the abilities and the preferences of the individual student and increase the amount of personalized instruction a student receives.

- Many students benefit from the immediate responsiveness of modules, tape and computer interactions and appreciate the self-paced and private learning environment.
- Moreover, if using computer learning experiences often engage the interest of students, motivating them to learn and increasing independence and personal responsibility for education.

In as much as we appreciate programmed learning it has its own short comings and among others are:

- It is difficult to assess the effectiveness of a student
- Subjects that involve abstract reasoning and problem-solving processes cannot be very effectively learned.
- On the other hand poorly designed programmed learning can dehumanize or regiment the educational experience and thereby diminish student interest and motivation.
- Other disadvantage of this method is the difficulty and expense of implementing and maintaining the necessary learning systems.

This method is applicable in the following subjects;

- History
- Physics
- Chemistry
- Geography

This method can be improved in many ways. The teacher must design the programmed before using it, this is because and when he is doing it in the classroom it may bring disturbances among the learners.

8 PROJECT METHOD OF TEACHING

Project method of learning is more of a task or planned program of work that requires a large amount of time, effort, and planning to complete. It is a task given to a learner or group of learners to supplement and apply classroom strategies in working out the project given. Usually the project given is guided by the teacher, but the goals are designed by the learner based on his or her background of knowledge and experience. The role of the teacher under this method is simply to encourage the learner and guide them as they proceed.

Advantages of Project Method

- Give learner experience in planning and organization
- provides a natural approach of learning
- creativity freedom of exposure co-operation and imitative

Disadvantage of Project Method

- it is expensive and it takes a lot of time and effort in competition in comparison of what is learnt
- it is had to choose topics that are of interest to the learner
- it is difficult to maintain order and discipline when the projection is been done
- difficult to schedule the project

Apart from the merits and demerits, this method is suitable in the following subjects;

- geography
- biology
- Physics
- mathematics

9 THE MONTESSORI METHOD OF TEACHING

The Montessori Method stresses the development of initiative and self-reliance by permitting children to do by them the things that interest them, within strictly disciplined limits

Montessori educational method of teaching is based on giving children freedom in a specially prepared environment, under the guidance of a trained director

Under this method it is stressed that leaders of the classroom be called directors rather than teachers because their main work is to direct the interests of children and advance their development. According to Montessori, when a child is ready to learn new and more difficult tasks, the director should guide the child from the outset so that the child does not lose interest.

Advantages of Montessori Method of Teaching

- It has immense value in bringing about peace in the learning environment
- this method stresses the importance of education as the 'armament of peace'
- learners learn willingly without being forced
- the classroom leader the teach in this case has little or no problem in teaching as every one has interest in the content

Disadvantages of Montessori Method of Teaching

- it is difficult to teach basing on the interest of learner as they may have various interest
- other content may not be taught when learner has no interest in them
- its time consuming and needs lot of effort in preparing that which learner

10 QUESTION AND ANSWER METHOD

This method involves posing the question to the learners in order to promote thinking and understanding. It is informal assessment which is used with group of learners as a way of ascertaining the existing level of what learner have acquired from the previous material learnt or even in what there are yet to learn.

Advantages of Question and Answer Method

- learners are motivated as they feel they are part and parcel of the learning
- misconceptions may be identified at the early stage and be rectified
- can help in building from simple to complex
- feedback of quality learning is determined by the response you get from the learners
- it stimulate the learners
- maintain concentration

Disadvantages of Question and Answer Method

- A minority of learners may participate
- Careful planning may be required hence time consuming
- it demoralize the teacher after teaching you realize that nothing has been taught

11 DEBATE METHOD OF TEACHING

Debate is closely related to discussion method but it tends to have more rule regarding procedures. Debate method of teaching often has two arguments and both sides of argument would be helpful and learners may benefit from the exploration of fellow learners.

Advantages of Debate Method of Teaching

- Has a clear structure and an element of competition
- all learner are made to participate
- it motivate learner to study harder in quest of wanting to bit the opponent
- learner adopt the attitude of wanting to take a leading role
- good for continuous issues
- learners presentation skill are enhanced

- it creates a good class team work

Disadvantages of Debate Method of Teaching

- Learner may find difficulties in rule and guidelines
- A minority of learner may do most of the work
- It is time consuming as learner would need enough time for preparation and practice.
- It is learner centered hence it is reliable to have more of less baked information which would not be good for fellow learner.

12 STORY TELLING METHOD OF TEACHING

Story Telling Method of Teaching is another way in which learners can learn vast amounts of information by listening to others. Learning through the spoken word is similar to observational learning, because it allows people to learn not simply from their own experiences, but also from the experiences of others. For example, by listening to a teacher story about walking in busy streets alone, children can learn to avoid busy streets and to cross the street at crosswalks without first experiencing any positive or negative consequences.

Advantage of Story Telling Method of Teaching

- It creates the ability in learners of Concept formation
- it enables learners to be sharp in thinking as they connect what is narrated to real life situation
- It saves both time and efforts
- learners learn a large portion of what they know through listening

Disadvantages of Story Telling Method of Teaching

- Certain concept may be misapplied where they are not supposed to be applied
- learners have little activities in story telling as they are there to listen only
- it may be boring hence learners fails to learn anything fro the story told

This method is applicable in the following subjects;

- English
- History
- R.E
- Civic Education

- **Zambian Language.**

13 DEDUCTIVE METHOD

It's a process of reasoning in which reasons are given in support of a claim. The reasons or justifications are called the premises of the claim and the claim they purport to justify is called the conclusion. In a correct or valid deduction the premises support the conclusion in such a way that it would be impossible for the premises to be true and for the conclusion to be false. In this deduction differs sharply from induction, because induction draws a conclusion in which the truth of the premises does not guarantee the truth of the conclusion. This method can be used in mathematics in proving the answer given at the end of computation.

Advantages of Deduction Method

- it proves the fact basing on a clear elaborations
- it does not change
- It supports all true theory which can be proven.
- It enhances speed and efficiency in solving problems.
- It glorifies the memory as students have to memories a considerable number of formulae.

Its drawbacks are.

- It is very difficult for a beginner to understand abstract formulae.
- It is not preceded by a number of concrete instances.
- It is not suitable for the development of thinking, reasoning and discovery.
- Memory becomes more important than understanding and intelligence and that is educationally unsound.

In every method that teachers use in schools has the applicable subject that is used. For this method, the following are subjects which are applicable,

- Mathematics
- Physics
- Chemistry
- biology

14 INDUCTIVE TEACHING METHOD

According to Hume (1748), this is a process of drawing a conclusion about an object or event that has yet to be observed or occur, on the basis of previous observations of similar objects or events. For

example, after observing year after year that a certain kind of weed invades our yard every December, we may conclude that next December our yard will again be invaded by the weed; or having tested a substantially large sample of coffee makers, only to find that each one of them has a faulty fuse, we conclude that all the coffee makers in the batch are defective. In these cases we infer or reach a conclusion based on observations. The observations or assumptions on which we base the inference—the annual appearance of the weed, or the sample of coffee makers with faulty fuses—constitute the premises or assumptions

Advantages of Induction Teaching Method

- The laws of nature governing causes and effects are uniform followed up
- We can presume that a sufficiently large number of observed objects give us grounds to attribute something to another object we have not yet observed.
- induction raises important questions for teachers whose concern is to provide a basis of assessment
- it proves science conclusions be correct

Disadvantages of Induction Teaching Method

- they is struggled with the question of what justification
- it takes for granted induction's common assumptions that the future will follow the same patterns as the past
- The whole population behaves roughly basing on randomly chosen sample which may not represent others
- Nothing guarantees that simply because induction has worked in the past it will continue to work in the future.
- Justification are all assumptions, therefore it may raises the problem when the same fails in the other similar experiment
- it is tempting to try to justify induction by pointing out that inductive reasoning is commonly used in both everyday life.

15 CASE-BASED TEACHING METHOD

In case-based teaching, students analyze case studies of historical or hypothetical situations that

Involve solving problems and/or making decisions. Kardos& Smith (1997: 88) defined a case in the context of education as “*an account of an education activity, event or problem containing some of the background and complexities actually encountered by an educationist.*”

A case is a complete narrative of a problematic situation, how people dealt with it, and what the outcomes were. Students may be called on to study the case ahead of time and be prepared to discuss it in class, but the same may be said of any traditional lecture-based approach that incorporates questioning and answer.

Advantages of case- Based method

- Research cases can be useful for illustrating appropriate, typical, or exemplary decision making
- Lundeberg *et al.* [89] reported that, the use of case studies enhanced students' ability to recognize multiple perspectives
- The use of cases develops students' ability to identify relevant issues
- Cases improves students' reasoning and problem-solving skills
- Cases tend to be relatively well structured, rich contextual details are provided, and students are called on to apply material that is already somewhat familiar.

Disadvantages

- It's not good for teaching critical thinking and decision-making skills, since in those cases the thinking has already been done, the decisions made, and the outcomes determined and given to the students.
- Instruction based on the use of such cases cannot be considered inductive
- student are reluctant as they just listen and make mere decision basing on the story

How It Can Be Improved

To improve the use of case study teaching method a teacher must follow the following steps

Review of the case content, statement of the problem, collection of relevant information, development of alternatives, evaluation of alternatives, selection of a course of action, and evaluation of solutions, and possibly review of actual case outcomes.

16 PROJECT-BASED METHOD OF TEACHING

Project-based teaching begins with an assignment to carry out one or more tasks that lead to the Production of a final report. The culmination of the project is normally a written and oral report summarizing the procedure used to produce the product and presenting the outcome.

Advantages

- Teachers fairly choose projects which helps maintain a focus on course and curriculum objectives.
- The students have nearly complete autonomy to choose their project and their approach to it.
- Students have the autonomy to choose their own project, formulations and strategies, which increases their motivation.
- Project-based learning may effectively reach students whose learning styles are poorly suited to a traditional lecture-based classroom environment
- learning is central to the course, it focuses on central concepts and principles of the discipline
- A project typically has a broader scope and may encompass several problems

Disadvantages

Students have a less complete mastery of discipline fundamentals

- Some of students may be unhappy over the time and effort required by projects
- Students may experience interpersonal conflicts particularly with teammates who fail to pull their weight
- If the project work is done entirely in groups, some students may be less well equipped to work independently
- There are difficulties to accentuate the differences between strong and weak students
- requires acquisition of some new knowledge rather than being straightforward applications of existing knowledge

How it can be improved

Teachers should guide students to see connections between their current project and what they have learned previously. They should also prepare students to fill in gaps in content knowledge when a need arises, taking into account the fact that such gaps may be more likely to arise in project-based learning than in conventional lecture-based instruction.

17 PROBLEM-BASED TEACHING METHOD

Problem-based teaching technique is when students are confronted with an open-ended, ill structured, authentic problem to be solved in teams or to identify learning needs and develop a viable solution, with instructors acting as facilitators rather than primary sources of information

Advantages

- Class time may be devoted to Groups reporting out their progress on previous learning issues and listing their current learning issues and plans of work
- Information on certain issues are dealt with by all groups, clarifying common Difficulties, and suggesting additional learning issues
- A well-designed problem guides students to use course content and methods, illustrates fundamental principles, concepts, and procedures
- It induces the students to infer those things for themselves instead of getting them directly from the instructor
- Engages the students in the types of reflection and activities that lead to higher-order learning Problems may
- Students may acquire more knowledge in the short term when instruction is conventional
- Students taught with PBL retain the knowledge they acquire for a longer period of time.
- it enhances students' retention and ability to apply material

Disadvantages

- There is very little formal class time if any, because students work on problems in groups during class.
- Time consuming, as the instructor moves from group to group during class, asking questions and probing for understanding.
- Different levels of external guidance may be required by a faculty member or a designated tutor, or responsibility for the work may be taken by the groups themselves in self-directed, interdependent, small group problem-based learning.

18 TEAM TEACHING METHOD

Team teaching involves a group of instructors working purposefully, regularly, and cooperatively to help a group of students of any age learn. Teachers together set goals for a course, design a syllabus, prepare individual lesson plans, teach students, and evaluate the results. They share insights, argue with one another, and perhaps even challenge students to decide which approach is better.

Advantages

- Teamwork improves the quality of teaching as various experts approach the same topic from different angles
- Teacher strengths are combined and weaknesses are remedied

- Working in teams spreads responsibility, encourages creativity, deepens friendships, and builds community among teachers
- Poor teachers can be observed, critiqued, and improved by the other team members in a nonthreatening, supportive context.
- The evaluation done by a team of teachers will be more insightful and balanced than the introspection and self-evaluation of an individual teacher.
- Teachers complement one another.
- They share insights, propose new approaches, and challenge assumptions.
- They learn new perspectives and insights, techniques and values from watching one another.

Disadvantages

- It requires more time in planning and more efforts of skilled management
- it demands willingness to risk change and even failure, humility, open-mindedness, imagination, and creativity
- Some teachers do not want to risk humiliation and discouragement at possible failures.
- Some fear they will be expected to do more work for the same salary
- Team teaching is not always successful. Some teachers may have a rigid personality types or may be wedded to a single method.
- Others are unwilling to share the spotlight or their pet ideas or to lose total control.
- Team teaching makes more demands on time and energy
- Rethinking the courses to accommodate the team-teaching method is often inconvenient.

19 DIRECT TEACHING METHOD

Through direct teaching methods, informal education, parents and elders can teach children the skills and roles they would need to know. These lessons eventually form the moral codes that govern behavior.

Advantages

- Very specific learning targets
- Students are told reasons why content is important - helps to clarify lesson objective
- Relatively easy to measure student gains
- Is a widely accepted instructional method
- Good for teaching specific facts and basic skills

Disadvantages

- Can stifle teacher creativity
- Requires well-organized content preparation and good oral communication skills
- Steps must be followed in prescribed order
- May not be effective for higher-order thinking skills, depending on the knowledge base and skill of the teacher

How it can be improved

Content must be organized in advance and Teachers should have information about student prerequisites.

20 CONCENTRIC METHOD.

This method implies widening of knowledge just as concentric circles go on extending and widening. For example, an elementary knowledge is given in the introductory year, something more is taught in the next year, something more is still added in the subsequent year and so on. However this method is applicable in the universities, colleges and other higher of learning institutions.

Its merits are as follows,

- It is a suitable system of arrangements because its opposite is highly unpsychological.
- It enables the teacher to do a portion of a topic according to the receptivity of learners.
- It does not allow the teaching to become dull.
- The learners get as much as they can grasp.

And its drawbacks are follows.

- If the portion is too long, the interest is likely to flag.
- If the portion is too short, it is likely to make any lasting or permanent impression on the learner's mind.
- It may prove harmful.

21 ROLE PLAYING TEACHING METHOD

Role-playing is trying to act the way one would act when given a certain position. Student acts or plays a certain role in a group; this method of learning can be employed at all levels of education. In role-playing student make mistakes without feeling threatened by the situation. Those who participate in role-playing maintain relationship and the teacher clearly define the problem which the group is to

role-play. The relevant problem may be solved; this method can be applicable when teaching art and music in schools.

Advantages

- Introduces problem situation dramatically
- provides opportunity for students to assume roles of others and thus appreciate another point of view
- Allows for exploration of solutions
- Provides opportunity to practice skills

Disadvantages

- Some students may be too self-conscious
- Not appropriate for large groups
- Can be time consuming to set up and execute

How it can be improved

Teacher has to define problem situation and roles clearly; they must give very clear instructions and must have back up activities in case of problems.

22 TEXT BOOK TEACHING METHOD

Parker, (1990: 190) defines a text book as: *“A collection of knowledge, concepts, and principles of a selected topic or course, it’s usually written by one or more teachers, college professors, or education experts who are authorities in a specific field”*

Textbook is likens to any tool, it can only be consider goods basing on the person using it. “Just like a hammer in the hands of a competent carpenter can be used to create a great cathedral or an exquisite piece of furniture, in the hands of someone else, the result may be a rundown shack or a rickety bench. Thus we must remember, no textbook is perfect, no textbook is complete. It is but one resource at our disposal to be used as a blueprint, a guidebook, or an outline.

Mckeachi, (1994: 405) asserted that,

“It’s important to remember that a textbook is just one tool, perhaps a very important tool, in your teaching arsenal. Sometimes, teachers over-rely on textbooks and don’t consider other aids or other

materials for the classroom. Some teachers reject a textbook approach to learning because the textbook is outdated or insufficiently covers a topic or subject area”.

As teachers, we all need to make many decisions, and one of those is how you want to use the textbook, as good as they may appear on the surface.

Advantages

- Textbooks are especially helpful for beginning teachers, the material to be covered and the design of each lesson are carefully spelled out in detail.
- Textbooks provide organized units of work. A textbook gives you all the plans and lessons you need to cover a topic in some detail.
- A textbook series provides you with a balanced, chronological presentation of information.
- Textbooks are a detailed sequence of teaching procedure that tells you what to do and when to do it. There are no surprises—everything is carefully spelled out.
- Textbooks provide administrators and teachers with a complete program. The series is typically based on the latest research and teaching strategies.
- Good textbooks are excellent teaching aids. They're a resource for both teachers and students.

Disadvantages

- Students only see one perspective on a concept or issue
- Textbook may be old or outdated; hence Information shared with students may not be current or relevant.
- Textbook questions tend to be low level or fact-based
- Textbook questions tend to be low level or fact-based, leading to students assume that learning is simply a collection of facts and figures.
- Textbook doesn't take students' background knowledge into account
- Teacher does not tailor lessons to the specific attributes and interests of students
- Reading level of the textbook is too difficult
- The textbook has all the answer to all the questions hence students tend to see learning as an accumulation of correct answers
- Students cannot read or understand important concepts

How it can be improved

A teacher must involve problem-solving activities, higher-level thinking questions, and extending activities, Ask higher-level questions and provide creative thinking and problem-solving activities.

Provide students with lots of information sources such as trade books, CD-ROMS, Websites, and Encyclopedias'

23 SYMPOSIUM TEACHING METHOD

The plural form of this word is the symposia; symposium teaching method is similar or is closely related to discussion teaching method. The major distinction is that in a symposium each presenter is given a different work to present on. In a symposium when the question is posed it is specifically addressed to the presenter of the topic and not to the house at large.

Advantages

- It usually keeps individual attention
- it provide opportunities for independent student investigation in a wide range of a topic
- Provides opportunity to practice personal skills
- When used in direct relationship to a lesson objective, can provide a stimulating experience for all
- individual Students participate in the symposium
- students share experiences
- it helps student to relate their learning to real experiences and current problems
- It helps individual students to reflect on what has been given to present.

Disadvantages

- Some students may be too self-conscious, thus difficulties in coming out
- Not appropriate for large groups
- Can be time consuming to set up and execute
- Distractions happen all too easily
- Students working independently can easily lose focus of lesson topic
- Audience is often passive
- Learning is difficult to determine as the presenter progresses Communication

How It Be Improved

A Teacher must selects issue which are of the learners level of understanding and he must be ready to intervene when the process is hopelessly bogged down.

24 DRAMATIZATION TEACHING METHOD

This is when teachers prepare a script for students in advance and students are given enough time opportunity to rehearse. This method helps students to experience and practice what they are learning. A good amount of caution is needed when organizing a drama

Merit of Dramatization Teaching Method

- It Give an overview to explain the certain concept easily
- It develops in student the ability to Set up the scenario rules, roles, procedures, and types of decisions, goals and scoring
- Students give feedback and it is easy to evaluate the performance and decision-making
- You can easily Clarify misconceptions
- Enable students to take on and maintain their role as they interact with others in the drama
- It helps students to explore relationships between fictional and real worlds

Demerits of Dramatization Teaching Method

- Difficulties in analyzing and evaluating the learning
- Difficulties in identifying students perceptions, difficulties and insights
 - Student may find problem in relating some action with 'real' world
- Challenge in observing students during the drama play

How it can be improved

To improve this method further the teacher must let student to describe what they have experienced, identify reason and think through major concepts, issues and/or themes that emerged from the experience, analyze what this means for themselves and their roles. Encourage students to explore relationships between fictional and real worlds. Encourage students to reflect on how the drama relates to the world outside. Invite students to share reactions and observations in and out of role.

25 COLLABORATION TEACHING METHOD

Collaboration allows students to actively participate in the learning process by talking with each other and listening to other points of view. Collaboration establishes a personal connection between students and the topic of study and it helps students think in a less personally biased way. Group projects and discussions are part of this teaching method.

Advantages

- Useful in assessing student's abilities to work as a team, leadership skills, or presentation abilities
- In collaboration pupils react to a specific problem within a structured environment
- It is useful for promoting expression of attitudes, opinions and values

- Fostering participation and developing empathy
- Can be excellent to help a group of learners think creatively of new ideas to solve difficult problems

Disadvantages

- It might also be time-consuming as it requires a considerable amount of preparation
- It would demand Teacher to talk with the learners on a one to one basis whom he has identified with weakness hence more effort is needed
- it does not really reinforces learning in realistic and meaning full way
- it present a threatening learning environment to students who are not bold

How It Can Be Improved

To improve Collaborative method we need to take a variety of forms, such as fishbowl discussions. After some preparation and with clearly defined roles, a discussion may constitute most of a lesson, with the teacher only giving short feedback at the end of the lesson.

26 TESTING TEACHING METHOD

Often times testing is used as teaching technique. Tests provide student opportunity to learn. After students have written a test the teacher should mark and discuss parts of the test were much of student had not fared well then re-teach those parts. Sometimes a teacher can set take home test where students are given an opportunity to read, probe and find answers to questions. by so doing it help them find same thing to read at home.

Advantages

- Students learn a lot from take home tests
- Take home tests help to cover any content which was left hanging due to time constrain
- It gives learners experience in planning and organization of answers
- Provides a natural approach of learning

Disadvantages

- It needs a lot of time and effort in compiling the questions from different past papers or class notes
- It is hard to choose questions that are of learners level
- Sometimes during the tests it is difficult to evaluate who have understood as others may be coping
- Difficulty also to schedule the test.

How it can be improved

Teacher must set test rules to guard student against copying, he must have also Computing skills required for preparations of tests. Most effective teachers prepares test for themselves and do all the typing to avoid leaking.

27 DICTATION TEACHING METHOD

In this context dictation method can be define as, type of teaching where a teacher or facilitator read out to the pupils and the pupils writes down the notes. This method is mostly used in lower basic classes; it plays an important role as in the middle basic

Merits of Dictation Teaching Method

- Enables learners to spell properly
- Improves the mental capability of the learners
- Enables them to be good writers and remember every facet of the word
- Reduces boredom within the learners
- It enables learners to socialize with the facilitator(s)
- It arouses the interest of the learners to be psychologically ready for a lesson

Demerits of *Dictation Teaching Method*

- Difficulty for the learners to express themselves in terms of the spellings
- Some find it too difficult to be psychologically ready for a lesson
- Some learner fails to be free and feels neglected.
- Difficulty for them to understand certain words
- Time consuming for a tutee as he would be required to repeat some words.

28 TELLING METHOD

Telling method according to Marthur (1962:110), is the pedagogical method whereby the teacher makes a brief oral presentation of some fact of concept of educational significances, it is a method often resorted to by teachers for supplying the students with information above events, incidents and simple facts.

ADVANTAGES OF TELLING METHOD.

- i. Telling is particularly useful as a teaching method when:
- ii. Introducing new topics
- iii. Summarizing work
- iv. Reviewing work

- v. Supplementing information furnished by students and text books.
- vi. Developing the work of the class
- vii. Giving illustrative talks
- viii. Giving inspiration talks.
- ix. Introducing important incidental information.

DISADVANTAGES

- i. It is not possible to elicit the information for the students or make them active participants in the learning process.
- ii. The presentation may not be logical if the teachers (presenters) have got inadequate imagination, accurate and wide knowledge.
- iii. The presentation may be boring if the presenters have not collected adequate information and facts on the topic at hand.

Nevertheless this method is almost applicable in all subjects. To enhance it, every teacher should know that telling is an art. As alluded to, a teacher should have variety of facts of the story to tell the class.

29. ANALYTIC METHOD

According to Montessori (1917:211) defined analysis as, “the breaking up of the problem in hand so that it ultimately gets connected with something.” In other words, it is the process of unfolding of the problems or conducting its operation to know its hidden aspects. For example, this method requires us to start with, what we have to find out. Then we think of further steps and possibilities which may connect the unknown with known and lead us to find out the desired result.

Thorndike says that, “all the highest performance of the mind is analysis. Analytical method can be used in the teaching and learning of mathematics and other related objects therefore can be improved by encouraging students to do some research in their learning subjects.

ADVANTAGES

- i. Analytic method is logical, leaves no doubts and convinces the learner.
- ii. It is suitable method for understanding and discovering.
- iii. The steps, in its procedure, are developed in a general manner. Each step has its reason and justification.
- iv. The student is throughout faced with questions and this increases his power at every step.

DISADVANTAGES

- i. It is a lengthy method.
- ii. It is difficult to acquire efficiency and speed with this method.

It may not be applicable to all the topics.

30.MEMORIZATION METHOD

This is a method of teaching which involves an act of using repetition to memorize facts. It is probably used in science or in mathematics in which questions, formulae even answers at time are printed on the flash cards to help learners remember information easily. Therefore, it provides to learners the ability to recall information randomly.

However, to enhance this act, the teacher should be resourceful in one

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sense that he must ensure that any topic taught should have flash cards containing main points of the overall topic.

ADVANTAGES

- i. It helps learners build language skills.
- ii. It develops the learners learning skills.
- iii. It improves learners understanding of literature.
- iv. It improves learner's memory.
- v. Learners can have a firm basis for progressing to more complicated problem-solving skills.

DISADVANTAGES

- i. Very little information can be memorized at a time.
- ii. It creates and promotes laziness among pupils.
- iii. Memorizing is disappointing in that it can only last for a short period of time.
- iv. It limits learners from exploring or doing research.

31. INTERVIEW METHOD

This is type of teaching and learning method whereby learners are taught and imparted with techniques of collecting information by asking a number of questions. It is usually applied in research project

especially in agricultural projects. One way to improve this method is when

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Interviewing, the interviewee should be interrogated with both open and closed questions. Other than this one, learners should be acquainted with interview skills.

ADVANTAGES

- i. It encourages interactions between and among people especially an interviewer and an interviewee.
- ii. It improves creativity as the learners will make a report out of the interview.
- iii. It gives adequate time to prepare questions to ask.
- iv. It provides a logic way of doing work.

DISADVANTAGES

- i. It is time consuming.
- ii. A learner may get the wrong information.
- iii. Some people would not be willing to talk to them.
- iv. Some learners cannot open up, hence the teacher or an interviewer will not get what he/she required.

32. PLAY WAY METHOD

Yoakam et al (1957:59), define play-way method as, “a teaching method that introduces elements of happiness and satisfaction in form of games

and prepares the minds of the learners to express fully to him or herself.

Play-way method can be utilized in the teaching of various subjects of the school curriculum to make them lively and interesting. In the teaching of languages play way can include dramatization of interesting anecdotes and plays, debate, discussion, speeches, spelling games and story games. As for teaching social studies, a number of play way devices can be used for instance, dramatics, pageants and tableau, charts, models, pictures and so forth.

Basically, the success and improvement of play- way depends upon the hard labour put in by the teacher. The use of play- way can, in no way, be taken as the line of least resistance to which a teacher can succumb, but it is a whole- hearted application to an arduous task of facilitating the learning process in a natural and interesting manner.

ADVANTAGES

- i. The application of play principle is a great force in education in that play is a wonderful motivator, because it is interesting.
- ii. Work wedded to joy is work at its best.
- iii. Play provides training in self-discipline and self-advancement through self-education.
- iv. The harmony of work and play keeps the child fully absorbed in work.

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- v. Play- way is the best way of learning.

DISADVANTAGES

- i. Teacher may fail to achieve some objective because some pupils may be shy.
- ii. It is time consuming.
- iii. It requires a proper and formal guidance by the teacher.
- iv. If the class is big, it can bring commotions.

33. HOME WORK METHOD

Assignment of homework is one of the forms of adult-centred or teacher-centered methodology. This method of teaching has great educational benefits. It is argued, if learning is worthwhile, it should not be confined merely to the hours students spend in the classroom. This method is applied in subjects like science, English, geography, History and many others.

Moreover, the syllabus for different classes in different subjects is so heavy that, it will be impossible to cover it so to improve this method a teacher should always at least give an aid of homework to learners on each topic covered in a day.

ADVANTAGES

- i. It gives opportunity to pupils to plan and perform, then work

independent with the guidance and help from the teacher.

- ii. It is a valuable means of study without the restrictions of class work and supplements the teaching work done in the class.
- iii. Pupils' ability in the letter use of books and resources outside school, improves.
- iv. It involves much repetition that is essential for fixing the lesson taught in the class.
- v. It develops the moral and intellectual qualities of self-reliance, self-direction and initiative in grappling unaided with the problem arising from the work.
- vi. It stimulates in the pupils voluntary effort to follow up the study of subjects that appear to his interests and accustoms him to revise and consolidate the work done in the school.
- vii. It establishes a habit of reading regularly- a habit which goes a long way in the pursuits of knowledge.

DISADVANTAGES

- i. There is the risk of homework becoming oppressive and inflicting incalculable moral, intellectual and physical injury on the pupils and thus self defeating.
- ii. It gets students to have outside of class experiments that will support class learning and still not arouse their rebellion or
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stifle any interest they have in learning.
- iii. Many teachers use homework as a means of punishing the pupils.
- iv. Conflicts between pupils and teachers may arise.

34. SIMULATION METHOD

Simulation method can best be defined as role-playing method of teaching in which the process of teaching is displayed artificially an effort is made to practice some important skills of communication through this technique. The pupil-teacher and the students stimulate the particular role of a person or actual life-situation. The whole programme, thus, becomes training in role perception and role-playing. It can be useful in civic education and other related subjects.

Simulation method work in a group to improve this method a teacher should ensure to come up with groups each comprising of about three to five individual. One trainee for instance; in English Literature acts as an actor and the other provides the spontaneous setting for practicing specific patterns of behavior. The smaller the stimulated social skill training group, the more practice per person when assignments are related.

ADVANTAGES

- i. Stimulation establishes a setting where theory and practice can be combined
- ii. Stimulation required the teacher to be active participants in the process.
- iii. There is no risk involved. The decision are made and carried out without physical or physiological harm to pupils.

DISADVANTAGES

- i. Need for many simulators
- ii. If classroom teaching is to be carried on with this method, a lot of time is required.
- iii. There is also a minimum of feedback sequence to choose from.
- iv. Analysis approach to problem – solving using this method becomes distinct.

35.SEMINAR METHOD

This is a teaching method which is mostly imperative to pupils. It encourages learners to do a research on a particular topic and afterwards, present their findings to the rest of the learners in the classroom. This method can be used in subjects such as geography, commerce and history. It can be improved by ensuring that learners take the serious active part in doing a research and a teacher should provide formal guidance in which they shall go about.

ADVANTAGES

- i. Learners are given chances to interrogate their peers on their findings.
- ii. Learners are involved in participations in the study.
- iii. Learners know what to study, since they are given an opportunity to choose topics to study of the own interest.
- iv. It gives presentation responsibility to the learners.

DISADVANTAGES

- i. It demands for a clear summary of the issues presented at the end of it.
- ii. Assessment of learners becomes difficult.
- iii. Some learners may not be ready or willing to participate due to fear, shy and other factors.

36. FIELD TRIP

This is one of the teaching methods in which a number of learners taught on a particular topic are taken out of their normal learning situations to a real-life situation where realism is essential to reinforce learning. It is mostly used in history and Geography subjects. One way to improve it is by planning and coordinating all real resources before time so that destructions are minimized.

ADVANTAGES

- i. Learners are able to witness the real objects.
- ii. It aids memory.
- iii. It is a realistic and live method.
- iv. It provides a powerful link between theory and practice.
- v. It motivates learners to learning.

DISADVANTAGES

- i. It is difficult to monitor students during visits.
- ii. It is costly.
- iii. It consumes time.

37. DISCOVERY TEACHING METHOD

Discovery learning is an inquiry-based approach in which students are given a question to answer, a problem to solve, or a set of observations to explain, and then work in a largely self directed manner to complete their assigned tasks and draw appropriate inferences from the outcomes, “discovering” the desired factual and conceptual knowledge in the process. In the purest form of this method, teachers set the problems and provide feedback on the students’ efforts but do not direct or guide those efforts.

Merits of Discovery Teaching Method

- Discovery learning can enhance students’ retention of material
- Retention is improved more when the learning task is based on previously understood principles
- Teachers cover a small fraction of their prescribed content if students are required to discover everything for themselves
- Guided inquiry and discovery learning on the acquisition, transfer and retention of motor skills
- Discovery learning produces improved learning outcomes without requiring a major sacrifice of content

Demerits of Discovery Teaching Method

- It's found not statistically significant because of differences in student scores on tests and lab reports
- Discovery learning does not enhance students' retention of material
- Retention is improved only when the learning task is based on previously understood principles

How it can be improved

What teachers should do to improve the use of discovery teaching method is apply a variant of discovery learning which is sometimes called "guided discovery" that involves the instructor providing some guidance throughout the learning process. Once this is done, the distinctions between discovery and guided inquiry or problem-based learning tend to disappear.

Subjects applicable

Mathematics, geography, history, and religious education

38.MODELING

Modeling is a type of visual aid for teaching as well as learning. It is a known fact that human brain absorbs more and understands better when visual aid facilitates explanation. This method works on three criteria - observing, retaining and replicating. The students learn more by observing the things and acquire it by imitating it time and again.

39. DRILL METHOD

As its name, this method which is employed when it's necessary to repeat some information into the minds of the learners. This method can be employed to complement other methods.

ADVANTAGES

- It provides a learner with a focus on accuracy
- It provides a learner with intensive practical hearing and saying particular words or phrases.
- it provides a safe environment for learners to experiment with producing the language
- It helps the learners notice the correct form of pronunciation of a word or phrase

DISADVANTAGES

- It is hard for learners to focus when done of too often
- learners who learn only by drill may get distracted and bored with practice drills, especially if they have already mastered the skills
- learners may not be truly learning

HOW TO IMPROVE THE METHOD

This method can be made effective if the teacher he, himself is active in the way he does things and also by guiding the learners in order for them to understand fully.

SUBJECTS APPLICABLE

- English
- literature
- grammar

40. DOGMATIC METHOD

In this method of teaching of mathematics region is extremely emphasized. the rules and formulae are given to the class to cram the teacher tells the pupils what to do, what to observe, how to attempt and how to conclude.

ADVANTAGES

- The method saves time, energy and a good deal of loose or useless thinking
- it can be adopted with advantages at a stage when pupils are adequately advanced in material development
- it glorifies memory
- it promotes skill, efficiency, and speed in the solution of problems

DISADVANTAGES

- The subject becomes dull and un interesting for the learners as mechanical method cannot promote interest
- most of the mechanically memorized information is likely to be forgotten soon
- the learners repeats and adopt other`s ideas and becomes a slave of the ideas of others

HOW TO IMPROVE IT

The pattern as presented by the teacher should be strictly adopted and imitated by the learners

SUBJECTS APPLICABLE

- Mathematics
- Chemistry
- Physics

41. CREATIVE WRITING

Here students can learn through creative writing of which the teacher helps the learners to identify the problem or the issue involved through this method the learners may be able to solve problem or what they need to solve

ADVANTAGES

- It helps learners to develop fast thinking capabilities
- it accelerates and strengthen the learners natural creative problem solving ability and to stimulate a large number of good diverse ideas

DISADVANTAGES

- There is need for close supervision by the teacher especially on the topic to write
- it is time consuming for it requires the learner to research more on how to make his writing interesting

HOW TO IMPROVE IT

In order to make this method effective the teacher should always be there to guide the learners on how to go about the writing and to come up with good results and develop a good writing skill

SUBJECTS APPLICABLE

- English
- geography

42. HISTORICAL/ SOURCE METHOD

This is another activity method teaching history. According to this method, the pupils are expected to build up history with help of available source material. one of the most important skill the student learn through this method is the skill to use sources.

ADVANTAGES

- It develop a sense vividness and reality
- it can satisfy the curiosity of children on the question
- helps teacher to illustrate more important points in support of an oral lesson

DISADVANTAGES

- It is not always for the teacher to have access to the sources
- utilization of the sources is not easy for the teacher
- the method is too complex and technical

HOW TO IMPROVE IT

The teacher should give the learners a training in the alimentary knowledge of in stenography by teaching learners what is effected in a particular source for example a text book.

SUBJECT APPLICABLE

- History
- Geography
- R.E

43. SOCIALISED AND RECITATION METHOD

a basic structure of this approach, there must be an outline material to be covered, either in a text book or presented in other fashion. This method is therefore that learners presented with question designed to stimulate the mental activity of the class and to produce some kind of answer.

ADVANTAGES

- It trains the pupils for participation in social environment.
- Qualities of leaders are developed
- it promotes democracy in class
- it insures increased learning

DISADVANTAGES

- It is time consuming
- produces monetary
- it permits a few pupils to dominate the discussion
- it is difficult to organize and manage the learners

HOW TO IMPROVE IT

The teacher should ensure that socialization and recitation centers and a topic which is important from the point of view of the pupils.

44. BUZZ METHOD

This method is very flexible such that it can not be narrowly defined. Therefore it is certainly applied whenever large assembly of people are divided into smaller groups of usually not less than three and not more than eight

ADVANTAGES

- The class confronts the subject matter first hand rather than passively received what a teacher shall say
- helps learner to quickly adapt the learning environment

DISADVANTAGES

45. CO-OPERATIVE LEARNING

This method involves small heterogenous student group working together to solve problems or complete a task to minimize their own and each other learning

ADVANTAGES

- Help improve higher self esteem
- helps improve social skills
- it also imparts a student's ability to work co-operatively

DISADVANTAGES

- It is time consuming

- some learners may not participate

HOW TO IMPROVE IT

The method can be improved in a way that the teacher should plan adequately in order to meet the learner's expectations

SUBJECT APPLICABLE

- Geography
- History
- Civic education

46 BIOGRAPHICAL METHOD

According to this method subjects are taught through biographies presented on a chronological order. The ideology behind this method is that great men represent their times. They influence historical movements and thus represents in their individual personality.

Advantages

- they solve the problem of motivation as the lesson becomes interesting
- acquaintance with the great and characters of the past creates a desire to be like them enabling

DISADVANTAGES

- The theory great men represents b their times cannot be accepted
- the method promotes hero worship

HOW IT CAN BE IMPROVED

The teacher should select outstanding events or movements and individuals grouped around them. And also the teacher should be able to guide and translates the subject matter.

SUBJECTS APPLICABLE

- History
- Civic Education
- Geography

47. TOPICAL METHOD OF TEACHING

This method that keeps the topic intact, it is taken as a unified whole. mainly the method is based on the principles that any topic when begun should not left half done.

ADVANTAGES

- It offers the learners with full and whole hearted concentration on the topic at hand
- there is a coherence in the preparation of lessons in a classroom
- learners are actively involved by participation

DISADVANTAGES OF TOPICAL METHOD

- Learners might lose interest in the topic if too ,long
- it does not provide any opportunity for revision

HOW IT CAN BE IMPROVED

It can be improved by combining it with other teaching methods like concentric and questioning

SUBJECTS APPLICABLE

- Mathematics
- Physics
- Chemistry
- Commerce

48. RESEARCH METHOD

According to Allan (2003), defines research method as a kind of learning where learners use various methods and instruments of finding relevant information

ADVANTAGES OF RESEARCH METHOD

- It enables the teacher to pass on their experiences of the application of research methodologies
- it equips learners with self discoveries

DISADVANTAGES

- It is time consuming

- it is expensive for it requires enough sources
- A large group can be difficult to handle by one teacher

HOW TO IMPROVE

It can be an effective one if the teacher prepares adequately in order to show the learners what to observe and do.

SUBJECTS

- Geography
- History
- Civic Education
- Food and Nutrition

49. PNEUMONICS METHOD

This is a teaching method that can be used to reach fact, labels, rules, and procedure. it can be done in form of music, rhythm when introducing the new topic

ADVANTAGES

- It improves learner`s ability to memorize content
- learners develop a zeal of singing and following the song
- pneumonic devices can be constructed without much hassle

DISADVANTAGES

- It is time consuming
- some learners will just be singing for pleasure and not following the song`s meaning

HOW IT CAN BE IMPROVED

- The teacher should ensure that he is equipped with the meaning of the songs so that learner can understand and make sense out of it.
- learners should be encouraged to sing the songs in order not to forget easily

SUBJECTS APPLICABLE

- Literature

- English
- Zambian languages

50. Propaganda Teaching Method

Propaganda Teaching Method involves dissemination of ideas and information for the purpose of inducing or intensifying specific attitudes and actions. It is frequently accompanied by distortions of fact and by appeals to passion and prejudice and it is often thought to be invariably false or misleading. This view is relative, however. Although some propagandists may intentionally distort fact, others may present it as faithfully as objective observers. In Education, whatever is objective is a form of propaganda. The essential distinction lies in the intentions of the propagandist to persuade an audience to adopt the attitude or action he or she espouses

Advantages of Propaganda Teaching Method

- it clear all miscomputation
- it intensify specific attitudes and actions
- it persuades learners to adopt the attitude or action the teacher wants in them

Disadvantages of Propaganda Teaching Method

- it may sometimes distort fact by appeals of passion and prejudice
- thought invariably false or misleading teaching many learner are compelled to believe even that which is not true
- Teachers are made to teach centrally to what they believe without revealing the truth they know.

ASSIGNMENT TEACHING METHOD.

This is a teaching technique where a teacher gives work to the student to go and find solutions to the problems given.

Advantages

- It enables' a teacher to cover the work in a stipulated time with a given syllabus
- It enriches the student mind set
- It motivates the students when doing their work at personal level
- It brings about social relationships among the learners
- It enables the learners to meet up with new challenges when doing their assignments.

- It enables the learners to develop the culture or research-hence improving their memory

Disadvantages

- Its time consuming
- Expensive
- It brings boredoms to the learners who have a teachers learning syndrome