



TECNOLÓGICO DE MONTERREY

Campus Guadalajara



• INSTITUTO TEPEYAC

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• ESCUELA PRIMARIA URBANA 64

“Lázaro Cárdenas”



• ESCUELA SECUNDARIA MIXTA 40

“José Clemente Orozco”



• ESCUELA SECUNDARIA TÉCNICA N° 144

EL GRAN RETO



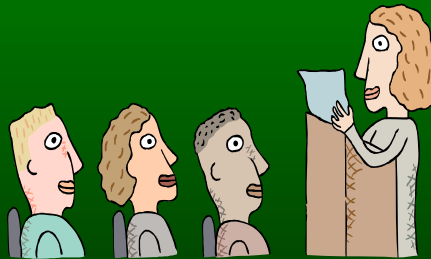
DIFFERENT STRATEGIES TO IMPROVE THE LEARNING PROCESS FROM A CONSTRUCTIVIST POINT OF VIEW

AUTHORS

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PURPOSE

- TAKE ADVANTAGE OF THE INTERACTION BETWEEN TEACHER – STUDENT TO SUCCEED IN THE LEARNING PROCESS AND INSURE THE ACTIVE PARTICIPATION IN THE CLASSROOM AND THE RETENTION OF THE OBJECTIVES.



SUMMARY



THERE ARE DIFFERENT STRATEGIES THAT FACILITATE THE LEARNING PROCESS SIGNIFICATIVELY. THE SUCCESS OF THE LEARNING PROCESS DEPENDS ON THE ACTIVE INTERACTION AND PARTICIPATION BETWEEN THE TEACHER AND STUDENT. IF THIS DOES NOT EXIST, THEN THERE IS NO LEARNING.

MUSIC FACILITATES THE LEARNING PROCESS FOR THE STUDENTS AND HELPS THEM CONNECT AND ABSORB WHAT THEY THINK AND FEEL

TO MEET OUR GOAL WE NEED TO ANALYZE OUR METHODOLOGIES, USE OUR STRENGTHS AND DEVELOP ANY OPPORTUNITIES

MULTIPLE INTELIGENCES USUALLY WORK TOGETHER BUT IT IS ELEMENTAL TO PICK A REFERENCE POINT TO START. TRY TO MAKE SOME OF YOUR DREAMS POSSIBLE, WITH THE DESIRE TO GROW AND LEARN IN ORDER TO BETTER ONESELF.

THE GENERAL PURPOSE FOR THE STUDY OF MATHEMATICS IN ELEMENTARY EDUCATION IS:

- Develop a way of thinking that allows the student to model real life situations.
- Solve problems that require analysis, organization, and various representations of the given data.
- Bring intuition into play but at the same time favor the use of mathematical tools to amplify, formulate or replace previous ideas.
- **DEVELOP:**
 - Competencies
 - Capacities
 - Abilities
 - Understandings
 - Attitudes





AS TO THE METHODOLOGY

- **CREATE ACTIVITIES THAT AWAKEN THE INTEREST, THAT INVITE REFLECTIONS TO FIND DIFFERENT FORMS OF SOLVING THE PROBLEMS AND FORMULATE ARGUMENTS THAT VALIDATE THE RESULTS**
- **THE SOLUTION HAS TO BE CONSTRUCTED IN THE UNDERSTANDING THAT THERE EXIST DIVERSE STRATEGIES AND AT LEAST ONE MUST BE USED.**
- **IN ORDER TO SOLVE THE PROBLEM, THE STUDENT MUST USE PRIOR KNOWLEDGE THAT FITS THE GIVEN SITUATION**
- **THE CHALLENGE LIES IN RESTRUCTURING THE PRIOR KNOWLEDGE, IN ORDER TO MODIFY IT, AMPLIFY IT, OR APPLY IT IN A NEW SITUATION**

CONSTRUCTIVIST METHODOLOGY

- PREVIOUS KNOWLEDGE
- SIGNIFICANT LEARNING
- ASSIMILATION
- ACCOMMODATE
- TRANSFERENCE



PROBLEM BASED LEARNING



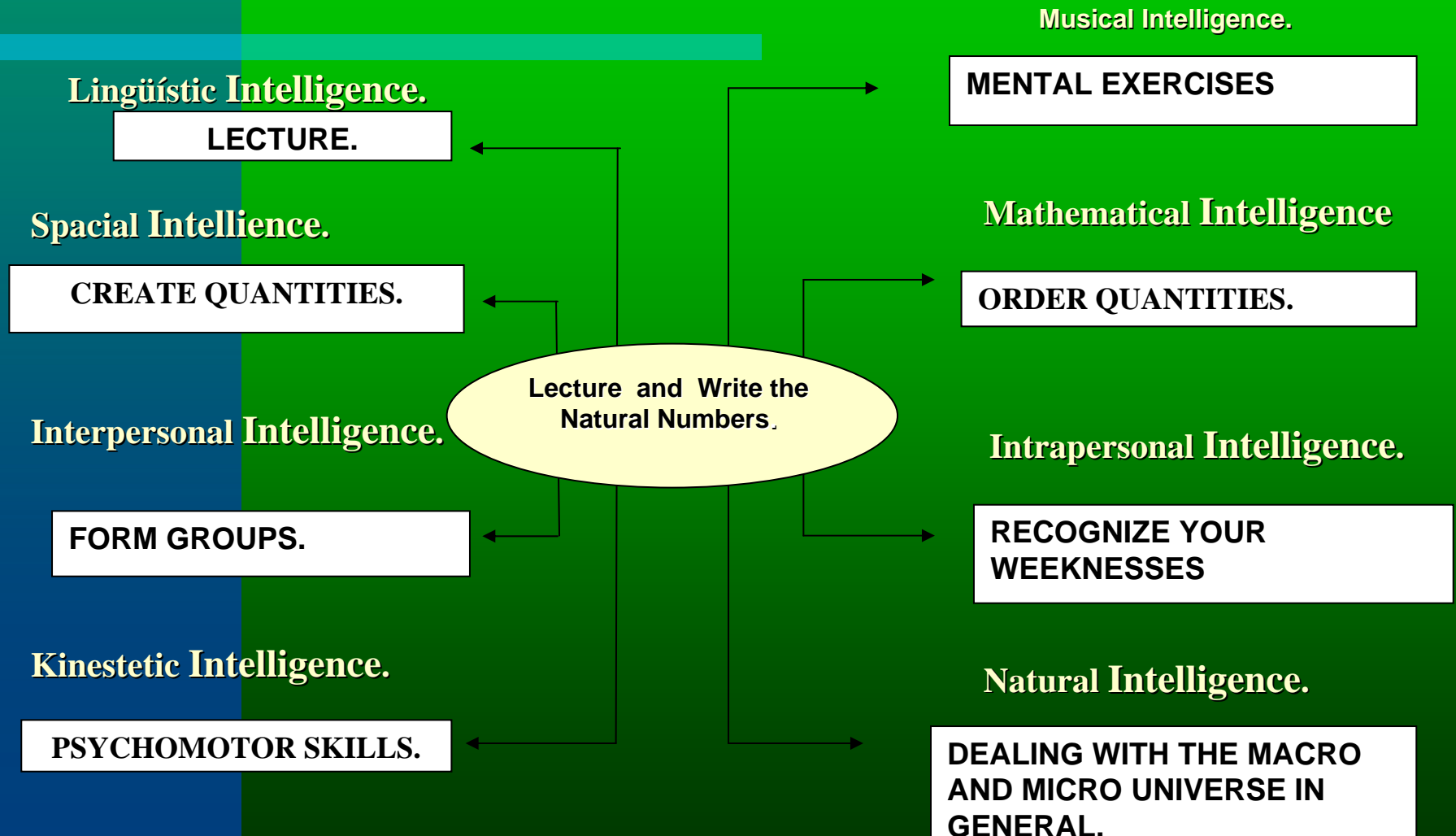
- SITUATIONAL PROBLEM
 - WORKING IN GROUPS, TO FIND THE SOLUTIONS
 - INVESTIGATE EVERYTHING RELATED TO THE PROBLEM
- COMMON GROUND TO PRESENT POSSIBLE SOLUTIONS, COME TO A CONCLUSION AND GENERALIZE
 - PRESENT RESULTS

And so.....

EDUCATION IN THIS CENTURY IS OBLIGATED TO HUMANIZE THROUGH THE UNDERSTANDING, AND THAT IS WHY IT SHOULD BE AN EDUCATION CENTRALIZED ON THE PERSON OFFERING TOOLS THAT ARE USEFUL IN THE PRESENT LIFE AND THE FUTURE OF THE HUMAN RACE

OBJECTIVE

Discover regularities, recognize patterns and formulate procedures and get results



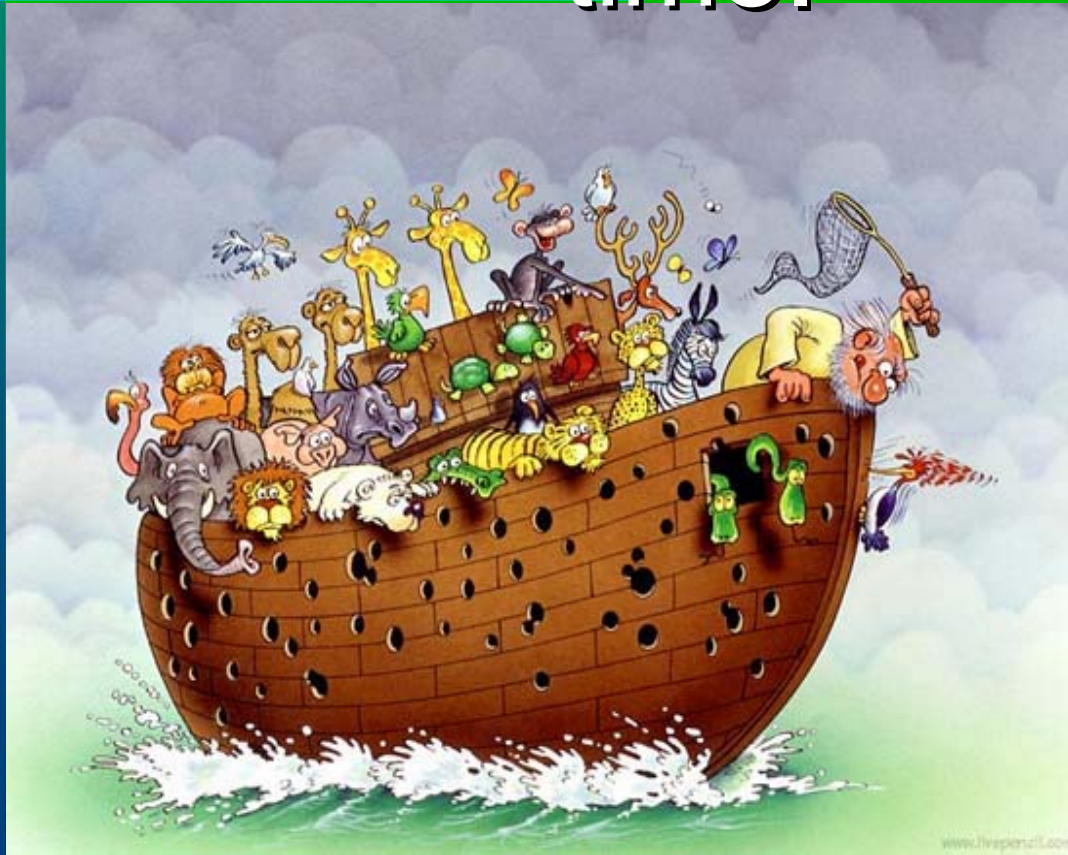
¡GRACIAS!



**Everything I need to know about life, I
have learned from Noah's Arc...**



One: Don't miss the boat.
Get on board with plenty of
time.



Two: Remember...

We are all on the same boat.



Three: Plan beforehand

It wasn't raining when Noah built the Arc



Four: Keep in shape.

When you are 600 years old, someone may ask you to do something really big.



Five: Don't listen to criticism.

Just concentrate on the job at hand.



Six: For reasons of safety Travel in pairs



Seven: Speed is not always to your advantage
The snail got onboard just like the cheetah.



Eight: When you are stressed out float for a moment.



Nine: Remember,
The Arc was built by amateurs, the Titanic by
professionals.



Ten: No matter the storm,

There will always be a rainbow waiting for you.

