



MICRO-TEACHING LESSON PLAN

Skill: Probing in Questioning

Sub: Mathematics

Identification of Data:

Subject: General Mathematics	Teacher:
Topic: Polynomial	Time: 6 min
Class: IX	Date:

Step	Teacher's Activities	Pupils' Activities	Components of the skill
I N T R O D U C I N G	<p>The teacher will welcome the pupils and ask the following question:</p> <p>(After every question the teacher will pause for little while and he/she will direct pupils at random to give answer. He/she will give clues if necessary.)</p>	The pupils are expected to answer correctly as follows:	All the components of fluency in questioning.
D E V E L O P M E N T	<ol style="list-style-type: none"> Is $5x^2 + 2\sqrt{x} + 1$ is a polynomial? Alright, what are the properties of a polynomial? What are whole numbers? Give some examples of whole number. Is $2x^2 + 1$ is a polynomial? Why? How \sqrt{x} can be written as a power of x? 	<ul style="list-style-type: none"> - No response - Any real number can be a coefficient, power has to be a whole number. - A number without fractions. Ex: 0, 1, 2... - Yes, Power on the x is a whole number. - $x^{\frac{1}{2}}$ 	<p>Prompting</p> <p>Seeking further information</p> <p>Redirecting</p> <p>Refocusing</p>



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	<p>6. What is the power of x in the given equation?</p> <p>7. Is the power of x in the given equation is a whole number?</p> <p>8. A variable in an algebraic expression has power of -5. Is it a polynomial?</p>	<p>$-\frac{1}{2}$</p> <p>- No, because $\frac{1}{2}$ is not a whole number.</p> <p>- No, because the power in a variable of polynomial can not be negative number.</p>	<p>Seeking further information</p> <p>Seeking further information</p> <p>Questioned aimed at critical answers</p>
<p>C O M P L E T I O N</p>	<p>The teacher will appreciate the responses of the pupils and encourage them for their future progress. After explaining the importance of the lesson in brief he/she comes out of the classroom.</p>	<p>The pupils will listen attentively.</p>	

Prepared By-

Jintu Sonowal

Founder of www.gyanshalatips.in