

COURSE OUTLINE

3D MODELING

Age : 10-14, >12 years old

Introduction

3D Modeling develops concentration and creativity, using technology, an innovation of 4th generation movement to bring the creative design to tangible life. 3D Modeling steps up the skills of critical thinking and problem-solving (not to mention visualization and planning) which are so useful in many areas of life.

Seq	Lesson	Objective
1	Alphabets & Name writing	<ul style="list-style-type: none">- Learn to control their grip.- Learn to control their hands and wrist's movement.- Learn to control the amount of pressure to put.- Learn to focus.- Improve their hand-eye coordination.
2	Geometric Shapes	<ul style="list-style-type: none">- Learn to control the movement of their hands and wrists.- Learn to focus.- Learn to know and draw shapes.- Improve their Hand-eye coordination.
3	Cartoons and Keychains	<ul style="list-style-type: none">- Improve their creative thinking.- Learn to control the amount of pressure to put.- Learn about color coordination.- Learn about different visual perceptions.
4	Shapes Train	<ul style="list-style-type: none">- Learn to control the amount of pressure to put.- Learn to focus.- Learn to know and draw shapes.- Improve their Hand-eye coordination.
5	Doodle Tangrams	<ul style="list-style-type: none">- Get a chance to improve their problem-solving skills.- Be able to learn to analyze situations.- Learn to focus.- Improve their Creative thinking.

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6	Funky Glasses	<ul style="list-style-type: none"> - Learn to control their grip. - Learn to control the amount of pressure to put. - Learn to focus. - Learn to design. - Learn to imagine and plan.
7	Trees	<ul style="list-style-type: none"> - Improve their Creative thinking. - Learn about different visual perceptions. - Learn about color coordination. - Learn to control their grip. - Control hand movement.
8	Animals	<ul style="list-style-type: none"> - Learn about different visual perceptions. - Possibilities. - Improve their Creative thinking. - Be abstract and free. - Learn about different kinds of animals and how to draw them.
9	Hello Snowman	<ul style="list-style-type: none"> - Learn to control their grip. - Improve their focus. - Improve their Creative thinking. - Learn color coordination. - Be abstract and free.
10	Free-Hand Dice	<ul style="list-style-type: none"> - Learn about geometrical shapes. - Learn to control their grip. - Improve their hand-eye coordination. - Learn to follow instructions. - Learn to fully participate.

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11	Christmas Tree	<ul style="list-style-type: none"> - Learn to control their grip. - Learn to control their hands and wrists' movement. - Improve their creativity. - Learn to focus. - Improve their hand-eye coordination.
12	Free-hand Pyramid	<ul style="list-style-type: none"> - Learn to control the movement of their hands and wrists. - Learn to focus. - Learn to know and draw shapes. - Learn to be able to make decisions on their own
13	Fun Bicycle	<ul style="list-style-type: none"> - Improve their creative thinking. - Learn to control the amount of pressure to put. - Learn to focus. - Be abstract and free. - Learn about different visual perceptions