



"HANDS ON LEARNING"



WHAT DOES IT MEAN?

CHILDREN LEARN IN MANY WAYS, A
CONCEPT SOME DO NOT UNDERSTAND.
CHILDREN LEARN BY EXPLORING,
TOUCHING, FEELING AND
EXPERIMENTING.

THROUGH PLAY THEY WILL

BEGIN TO DEVELOP ALL THE

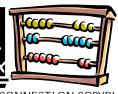
SKILLS & CONCEPTS THEY NEED

BEFORE ENTERING KINDERGARTEN.

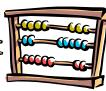
THESE POSTERS WILL EXPLAIN
THE MANY WAYS IN WHICH
CHILDREN LEARN THROUGH
PLAY AND THE SKILLS THEY
WILL BEGIN TO DEVELOP.























#### WHEN CHILDREN PARTICIPATE IN CIRCLE TIME THEY LEARN...

- \*TO ORGANIZE THEIR OWN THOUGHTS
- \*TO TELL A STORY WITH A BEGINNING, MIDDLE AND END
- \*TO MAKE UP THEIR OWN STORIES
- \*LETTER AND NUMBER RECOGNITION
- \* CALENDAR SKILLS
- \*THAT THEIR IDEAS HAVE MEANING



#### WHEN CHILDREN LOOK AT BOOKS THEY LEARN...

- \*THAT BOOKS ARE IMPORTANT AND ENJOYABLE
- \*THAT PRINT IS WRITTEN DOWN WORDS
- \*TO EXPRESS THEIR OWN THOUGHTS, FFFI INGS & IDFAS
- \*TO MAKE UP THEIR OWN STORIES
- \*THAT PICTURES TELL JUST LIKE WORDS
- \*TO RECOGNIZE CERTAIN WORDS
- \*TO USE MORE COMPLEX LANGUAGE PATTERNS IN THEIR OWN SPEECH
- \*THAT THEY LIKE BOOKS & WOULD LIKE TO READ THEM SOMEDAY WHEN THEY ARE READY!!



#### WHEN CHILDREN DANCE THEY LEARN...

\*BALANCE AND COORDINATION

\*TO BE CONSCIOUS OF THE MOODS AND RHYTHM OF MUSIC

\*TO EXPRESS THEMSELVES PHYSICALLY





#### WHEN CHILDREN SING SONGS THEY LEARN...

- \*PRINCIPLES OF MUSIC & RHYTHM
- **\*VOCABULARY**
- \*MEMORY SKILLS & SEQUENCING
- \*TO BE CONSCIOUS OF OTHERS
- \*ENJOYMENT OF DIFFERENT MELODIES
- \*VARIOUS CONCEPTS EMPHASIZED IN SONGS











#### WHEN CHILDREN PLAY WITH INSTRUMENTS THEY LEARN...

\*TO BE CONSCIOUS OF RHYTHMS IN MUSIC

\*CONCEPTS OF FAST, SLOW, LOUD, & SOFT

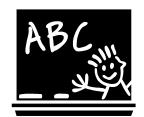
\*TO EXPRESS THEMSELVES IN

DIFFERENT WAYS

\*AUDITORY DI SCRIMINATION, TO RECOGNIZE DI FERENCES IN SOUNDS

\*TO INTERPRET & UNDERSTAND
SIGNALS AND CUES









#### WHEN CHILDREN PLAY LETTER GAMES THEY LEARN...

\*TO RECOGNI ZE AND NAME SOME UPPER & LOWER CASE LETTERS

\*TO ASSOCIATE LETTERS WITH THE SOUNDS
THEY REPRESENT

\*THAT LETTER ARE PARTS OF THE WORDS
THEY SAY, & THAT LETTERS MAKE UP ALL
THOSE MAGICAL WORDS THAT ARE READ
FROM BOOKS

\*TO RECOGNIZE THEIR NAME AND OTHER WORDS, ALL ON THEIR OWN, WITHOUT STRESS & ONLY IF THEY WANT TO AND IF THEY ARE READY



# WHEN CHILDREN PLAY WITH PUZZLES, BEADS, LACE CARDS & MATH MANIPULATIVES THEY LEARN...

- \*EYE-HAND COORDINATION
- \*NUMBER CONCEPTS LIKE MORE & LESS, LONGER & SHORTER
- \*TO CREATE AND REPRODUCE PATTERNS
- \*CONCEPTS OF COLOR, SHAPE & LOCATION
- \*USE OF NUMBER WORDS; FIRST, SECOND...
- \*TO NOTICE DIFFERENCES & TO FORM CATEGORIES
- \*LEFT AND RIGHT PROGRESSION

(A READING SKILL)

- \*ONE TO ONE CORRESPONDENCE
- \*PATTERNING SKILLS





#### WHEN CHILDREN PLAY WITH PEGBOARDS THEY LEARN...

\*ONE TO ONE CORRESPONDENCE, ONE PEG FOR ONE HOLE -A MATH SKILL

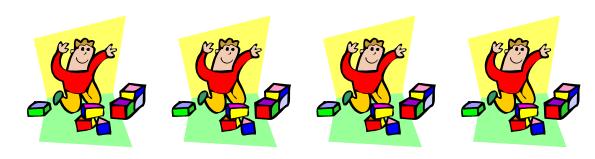
\*POSSIBLE LEFT TO RIGHT PROGRESSION

\*CONCEPTS OF ADDITION, AS THEY

ADD ONE MORE PEG

- \*SYMMETRY, SHAPES, ORDER AND DESIGN
- \*TO MAKE AND REPEAT PATTERNS

#### \*FYF-HAND COORDINATION



#### WHEN CHILDREN PLAY WITH BLOCKS THEY LEARN...

- \*CONCEPTS OF SIZE, LENGTH, & LOCATION
- \*TO COUNT, SORT & CLASSIFY (MATH SKILLS)
- \*TO COOPERATE WITH OTHERS
- \*TO SOLVE PROBLEMS
- \*FINE MOTOR SKILLS
- \*ABOUT THE PROPERTIES OF WOOD
- \*TO SEE THEMSELVES FROM A DIFFERENT
  PERSPECTIVE, THAT OF A GIANT
  (SELF AWARENESS)



#### WHEN CHILDREN EASEL PAINT, THEY LEARN...

\*TO DEVELOP, THEIR IMAGINATION

AND CREATIVITY

- \*TO DEVELOP EYE-HAND COORDINATION
- \*TO DISTINGUISH AND PURPOSELY

  CREATE SHAPES
- \*TO EXPRESS THEIR FEELINGS AND I DEAS
- \*THAT THEIR IDEAS HAVE VALUES
- \*RELATIONSHIPS OF SPACE & SIZE
- \*CONCEPTS OF SYMMETRY,

  BALANCE AND DESIGN



#### WHEN CHILDREN FINGER PAINT, THEY LEARN...

\*TO EXERCISE THEIR IMAGINATION

AND CREATIVITY

\*ABOUT HOW COLORS MIX AND

MAKE NEW COLORS

\*CONCEPTS OF SHAPE, SIZE AND LOCATION

\*AN ACCEPTABLE WAY YOU MAKE A MESS, & HAVE FUN SHARING I DEAS WITH OTHERS WHO ARE NEAR



### WHEN CHILDREN PLAY WITH PLAYDOUGH THEY LEARN...

\*TO SEE THE SHAPE AGAINST THE

BACKGROUND OF THE TABLE,

A PRE-READING SKILL

\*CONCEPTS OF SHAPE, SIZES,

LENGTH AND HEIGHT

\*TO SEE NEGATI VE SPACE WHEN A COOKI E
CUTTER SHAPES ARE TAKEN AWAY

\*TO EXPRESS FEELINGS BY

SQUEEZING AND POUNDING

\*TO EXPRESS THEIR

IMAGINATION & CREATIVITY

\*THAT THE QUANTITY OF SOMETHING

REMAINS THE SAME EVEN
WHEN THE SHAPE CHANGES



#### WHEN CHILDREN CUT, GLUE & COLLAGE THEY LEARN...

\*TO CONTROL THE SMALL MUSCLES

IN THEIR HAND

- \*CONCEPTS OF SHAPE, SIZE AND LOCATION
- \*TO EXERCISE THEIR

IMAGINATION & CREATIVITY

- \*ABOUT DIFFERENT TEXTURES
- \*HOW TO CREATE PATTERNS & DESIGNS,

A MATH SKILL

\*CONCEPTS OF SHAPE, SIZE, LOCATION

AND DESIGN, WHICH ARE

RELEVANT TO READING

\*TO DISTINGUISH PATTERNS

FROM BACKGROUND (A READING SKILL)



WHEN CHILDREN SCRIBBLE & DRAW
THEY LEARN...

\*TO HOLD A PENCIL AND TO

CONTROL THE PRESSURE

\*EYE-HAND COORDINATION

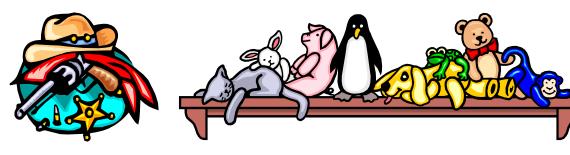
\*TO EXERCISE THEIR CREATIVITY & IMAGINATION

\*THAT THEIR IDEAS HAVE VALUE

\*CONCEPTS OF COLOR, SHAPE,

SIZE AND LOCATION

\*TO EXPRESS THEMSELVES WITH WORDS





## WHEN CHILDREN PLAY IN DRAMATIC PLAY AREA THEY LEARN...

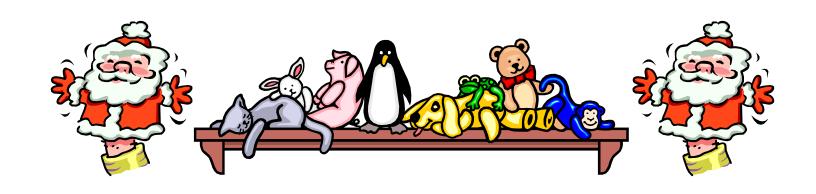
- \*TO BE FLEXIBLE IN THEIR THINKING
- \*TO EXPRESS THEMSELVES

WITH THEIR WORDS

- \*TO TRY OUT DIFFERENT ADULT ROLES
- \*TO SOLVE PROBLEMS THROUGH

**NEGOTIATION** 

- \*TO SORT & ORGANIZE PLAY THINGS
- \*TO MAKE DECISIONS
- \*TO IMPROVISE AND USE THINGS IN A SYMBOLIC WAY
- \*TO CARRY OUT THEIR I DEAS-WITH THE HELP OF OTHERS (COOPERATION)
- \*TO LACE, TIE, BUTTON, ZIP, & SNAP,
- \*TO DRESS THEMSELVES (INDEPENDENCE)



#### WHEN CHILDREN PLAY WITH PUPPETS THEY LEARN.....

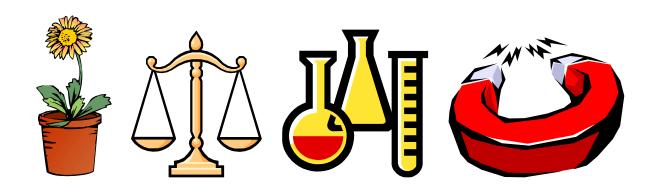
\*TO EXPRESS THEIR IDEAS WITH WORDS

\*TO TAKE ON THE ROLE OF SOMEONE ELSE

\*TO USE THEIR VOICE TONES AS WELL AS WORDS

\*TO USE THEIR IMAGINATION

\*TO LEARN HOW IT FEELS TO BE SOMEONE ELSE



### WHEN CHILDREN USE ITEMS IN THE SCIENCE CENTER THEY LEARN...

\*NEW VOCABULARY

\*CONCEPTS OF TEXTURE, COLOR, WEIGHT & SIZE

- \*TO GROUP OBJECTS INTO CATEGORIES
- \*TO OBSERVE LIKENESS AND DIFFERENCES
- \*TO APPRECIATE NATURE AND DEVELOP A

  SENSE OF WONDER



### WHEN CHILDREN PLAY WITH SAND & WATER TABLE THEY LEARN...

- \*HOW TO USE TOOLS
- \*TO SOLVE PROBLEMS
- \*CONCEPTS OF WARM, COOL, WET, DAMP & DRY, HEAVY & LIGHT
- \*HOW TO PLAY SOCIALLY WITH OTHERS
- \*TO OBSERVE CHANGES, A SCIENCE SKILL
- \*TO CREATE SYSTEMS FOR CLASSIFYING, SORTING, AND ARRANGING (MATH SKILLS) \*CONCEPTS OF FULL & EMPTY,

SHAPE & VOLUME



#### WHEN CHILDREN DO COOKING PROJECTS THEY LEARN...

- \*ABOUT NUTRITION, TASTE & FOOD GROUPS
- \*HOW HEAT & COLD CHANGE S THINGS
- \*WHOLE-PART RELATIONSHIPS AND CONCEPTS OF VOLUME & MEASUREMENT
- \*VOCABULARY- A LANGUAGE LESSON
- \*AWARENESS OF OTHER CULTURES









### WHEN CHILDREN PLAY ON CLIMBING EQUIPMENT THEY LEARN...

\*PHYSICAL STRENGTH,

COORDINATION & BALANCE

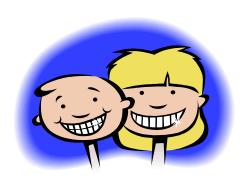
\*TO COOPERATE WITH OTHERS
IN GROUP GAMES

\*TO SOLVE PROBLEMS

\*SELF CONFIDENCE AS THEY

DEVELOP NEW SKILLS

IT IS IMPORTANT PARENTS AND TEACHERS ALLOW CHILDREN TO DEVELOP AT THEIR OWN PACE, THROUGH PLAY THEY WILL BEGIN TO DEVELOP NEW SKILLS WHILE STILL MAKING LEARNING FUN!





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