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5E lesson plan

ENGAGE

EXPLORE

EXPLAIN

ELABORATE

EVALUATE





Learning Outcomes

By the end of these lessons, they should be able to:

Observe and describe sensory experiences, develop 21st century skills

Demonstrate understanding of the five senses, use and expand English vocabulary

Participants

Children aged 3-6

STREAM Integration

interdisciplinary &
transdisciplinary

central theme & real-life problems

21st century skills

critical thinking
creative thinking
communication
collaboration
literacy
fine and gross motor
skills
empathy



Our senses help us understand what's happening around us. They often work together to help us interact with and respond to our environment.





prior knowledge

knowledge gaps

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Head, Shoulders, Knees, and Toes (song)

Simon says & Twister (games)

Virtual barbershop & Thunderstorm (technology)





Simon says:

look at ... listen to ... smell ... touch ...





Practice:

gross motor skills

primary colors



Virtual barbershop

Comparing the use of skills:

isolated VS. interconnected

real-life VS. virtual reality

emotions



Explore

concrete learning experience

make observations



Rainbow Witch Potions



Montessori sand tray & creative cursive writing



Plastic Bottle Shakers



Rainbow Witch Potions

Ingridients:

2/5 water
3/5 oil
food coloring
1 effervescent tablet



Montessori sandtray

Pre-writing skills:

phonemic awareness

phonics

hand-eye coordination



Creative cursive writing & finger paint

Writing skills:

orthography
(capitalization, punctuation)

fine motor skills



Plastic bottle shakers

Ingredients:

plastic bottles

rice, maccaroni, beads

water



Explain

A teacher-led phase:

synthesize new knowledge

real-life experience



✓ Traffic (song)



Resava river (technology)



Resava cave (book)





Traffic light:

red/green crayon

cardboard

stick/straw

scissors





Children's book

"We're Going on a Bear Hunt"





objects float or sink

Color lab (liquid density)





apply

deeper understanding



What's the time, Mr. Wolf (game & museum visit)



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A replica of Van Gogh's The Starry Night & Twinkle Twinkle Little Star (engineering & song)

Emotion Fruit Plates (routine & fundraising)



What's the Time, Mr. Wolf?

365 app (technology)

prey & predator

Natural History Center in Svilajnac (museum visit)



A Replica of Van Gogh's "The Starry Night"

Van Gogh's The Starry Night & Twinkle Twinkle Little Star (engineering & song)

wooden blocks & Lego bricks

moon & stars cardboard cutouts

source of light

bowl of water



Emotion Fruit Plates

Ingredients:

fruit pieces

plates

emotion flashcards

real-life experience
(compost & fundraising event)









formal and informal assessment



worksheet



questioning



flashcards/song







Conclusion:

adapt (needs & interests)

differentiate
(learning pace & age)

freedom of choice
(fun, sense of control &
 importance)

thought-provoking activities (21st century skills)



