



English

Project based learning and assessment

ARTIFICIAL INTELLIGENCE

GRADE 6 (2025-26)

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LET'S START

OUR PBLA PROJECT ADVENTURE!

Solving Real UAE Problems with
Creative Thinking

We learn by DOING!
Instead of just reading...
We SOLVE REAL PROBLEMS!



OUR MISSION:

1. CHOOSE A UAE CHALLENGE
2. RESEARCH IT
3. CREATE A SOLUTION
4. PRESENT OUR IDEAS

IT'S LIKE BEING A DETECTIVE + INVENTOR!



OUR PROJECT STEPS: POTENTIAL OF AI

01

UNDERSTAND – Learn about the problem

02

DEFINE – Write exactly what's wrong

03

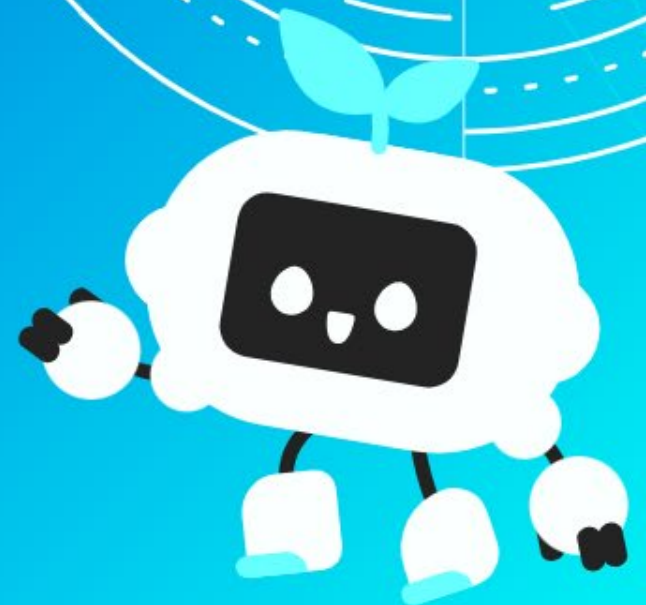
IDEATE – Think of creative solutions

04

MODEL & TEST – Make and improve our idea

05

PRESENT – Share with everyone



TODAY: STEP 1 - UNDERSTAND THE PROBLEMS

Your Mission Begins NOW!

Today's Task –

- ✓ Learn about 4 AI related UAE challenges
- ✓ Think about each one
- ✓ Choose your favourite
- ✓ Form a team



ACTIVITY INSTRUCTIONS

What We'll Do Today:

1. I'll show you 4 problems
2. You'll think about each one
3. You'll write your thoughts on paper/sticky notes
4. We'll share ideas
5. You'll choose which problem YOU want to solve

You'll need:

Pencil/pen
Paper/sticky notes
Your thinking cap!





SCENARIO 1

AI AND JOBS



THE PROBLEM

Some workers in UAE worry:
"Will robots take our jobs?"



THE TRUTH:

AI can also HELP workers
do their jobs better and
safer!
It can help create more
jobs.



OUR MISSION:

Create an "AI for Jobs"
project that shows:
How can AI SUPPORT
UAE workers instead of
replacing them?



SCENARIO 1 - THINK & WRITE

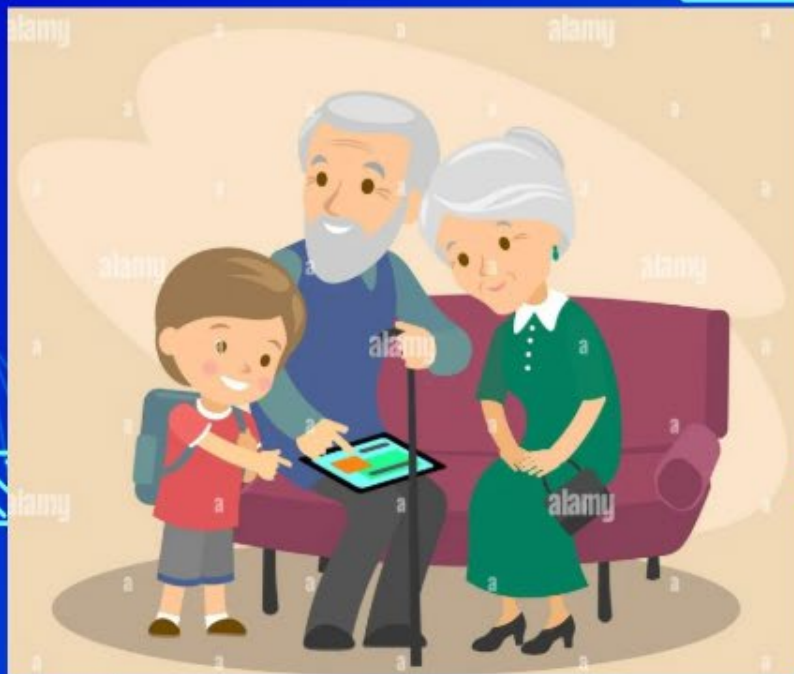
CHOOSE 1-2 QUESTIONS TO ANSWER ON A STICKY NOTE-

1. ? What ONE job in UAE could AI help with?
2. ? Why might workers worry about robots?
3. ? Draw or write: How AI could make a job safer
4. ? If AI does simple tasks, what special skills will humans need?
5. ? How can we make sure AI helps ALL people in UAE?

Sentence Starters:

- "In UAE, AI could help..."
- "I think workers worry because..."
- "My idea is..."





SCENARIO 2

COMMUNITY AWARENESS



THE PROBLEM

New inventions are amazing...
But some people don't
understand them!



EXAMPLE:

Smartphones FOR
grandparents
They might think: "Too
complicated!"



OUR MISSION:

Create an "Awareness
Campaign" that
explains new
inventions in ways
EVERYONE
understands.



SCENARIO 2 - THINK & WRITE

CHOOSE 1-2 QUESTIONS TO ANSWER ON A STICKY NOTE-

1. ? How would you explain a smartphone to your grandparent?
2. ? Why do some people avoid new technology?
3. ? Draw: A future invention for UAE families
4. ? How can technology PRESERVE Emirati culture?
5. ? What's the best way to teach new inventions?

Sentence Starters:

- "To explain technology, I would..."
- "People might avoid it because..."
- "We should connect tech to..."



SCENARIO 3

TRUST IN TECHNOLOGY



THE PROBLEM

Families sometimes worry about health technology:

"Is it safe?"

"Will it work?"

"Can we trust it?"



OUR MISSION:

Create a "Health Tech Trust" plan that helps families feel **CONFIDENT** about health technology.



SCENARIO 3 - THINK & WRITE

CHOOSE 1-2 QUESTIONS TO ANSWER ON A STICKY NOTE-

1. ? What would make you TRUST a health robot?
2. ? Why might families worry about health technology?
3. ? Draw: A friendly health device
4. ? How do we balance new ideas with safety?
5. ? Should all health tech be free in UAE?

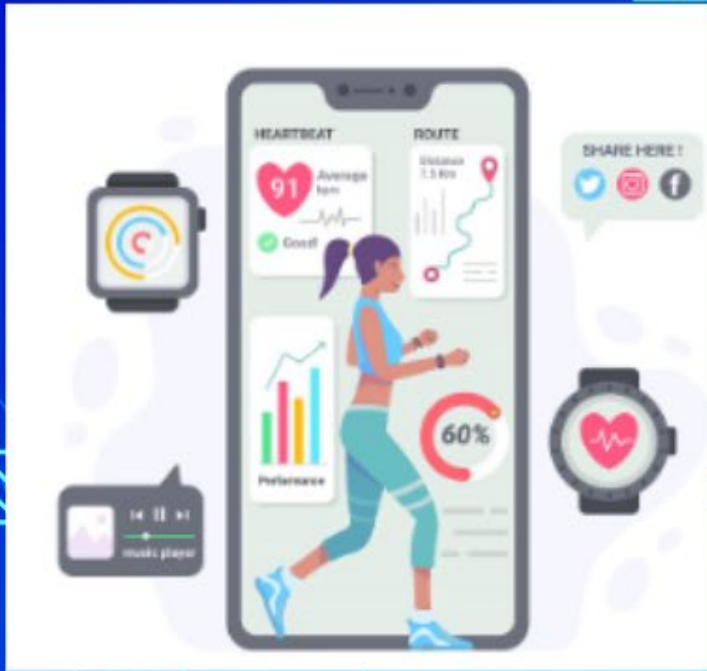
Sentence Starters:

- "I would trust it if..."
- "Families worry because..."
- "Health tech should be..."



SCENARIO 4

HEALTHY LIFESTYLES



THE PROBLEM

Many people only think about health when they're already sick!



THE SOLUTION:

We can use technology to stay healthy BEFORE getting sick.



OUR MISSION:

Create a "Healthy Habits" plan using technology to encourage daily healthy living in UAE.



SCENARIO 4 - THINK & WRITE

CHOOSE 1-2 QUESTIONS TO ANSWER ON A STICKY NOTE-

1. ? How could your phone help you exercise more?
2. ? Why wait until sick to think about health?
3. ? Draw: Your perfect healthy day in UAE
4. ? How can tech solve UAE heat exercise problems?
5. ? What's private vs shared in health apps?

Sentence Starters:

- "My phone could help by..."
- "People wait because..."
- "In UAE heat, we could..."



SHARE & DISCUSS

01

Pair - Share

1. Turn to your neighbor
2. Share: Which problem interests you most?
3. Explain: Why did you choose it?
4. Listen: To their choice and reasons

PAIR ACTIVITY:

02

Questions to discuss:

- "Why does this problem matter in UAE?"
- "Who does this problem affect?"
- "What kind of solution could we create?"



MAKING YOUR CHOICE

TIME TO DECIDE!



01

On a new paper, write:

MY TOP 2 CHOICES:

1. _____
Why: _____

2. _____
Why: _____

02

Remember:

- Choose what INTERESTS you
- Choose what you have IDEAS about
- Choose what matters to UAE



FORMING TEAMS

- IN YOUR TEAM:
- INTRODUCE YOURSELVES
 - SHARE WHY YOU CHOSE THIS TOPIC
 - START THINKING: WHAT DO WE ALREADY KNOW?



OUR PROJECT TIMELINE

6 WEEKS TO MAKE A DIFFERENCE!

01

Timeline-

Week 1-2: Understand & Define the problem ✓

Week 3: Brainstorm creative solutions

Week 4-5: Build and test our idea

Week 6: Present to the class!

02

UAE Connection

Why This Matters for UAE:

UAE Vision: To be a world leader in innovation

Our Part: We're the future problem-solvers!

Each project helps:

- UAE workers
- UAE families
- UAE communities
- UAE's healthy future



LET'S GET STARTED!

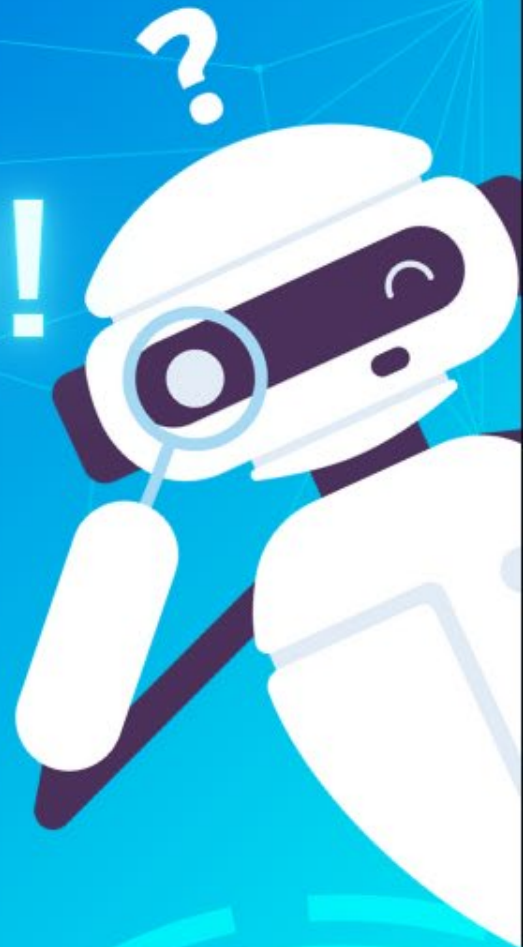
Today's Success:

- ✓ Learned about 4 UAE challenges
- ✓ Thought about each one
- ✓ Chose your favourite
- ✓ Formed a team

Next Class: Deep dive into YOUR chosen problem!

Questions? Ideas? Excitement?

Let's hear it!





THANK YOU!

Grade 6 Term 2

