

MINECRAFT
EDUCATION

THE FIRST NIGHT

SOLUTIONS GUIDE



دليل الحلول

فيما يلي ستجد كل حلول للأنشطة الموجودة في ساعة الذكاء الاصطناعي **2025**: الليلة الأولى بترتيب متسلسل، كما تظهر في اللعبة.

المهمة: تصنيف جذع البلوط كخشب



Coding Solution

Blocks	Python
	<pre>api_url = 'minecraft://agent.ai/' api_endpoint = 'classify' api_key = 'MC-KEY-821-597' training_data = { 'wood': 'oak_log' } ai.make_api_request(api_url, api_key, api_endpoint, training_data)</pre>

المهمة: تصنيف جذع البتولا كخشب



Coding Solution	
Blocks	Python
training module classify oak log as wood classify birch log as wood	<pre>api_url = 'minecraft://agent.ai/' api_endpoint = 'classify' api_key = 'MC-KEY-821-597' training_data = { 'wood': 'oak_log', 'wood2': 'birch_log' } ai.make_api_request(api_url, api_key, api_endpoint, training_data)</pre>

المهمة: تصنيف جذع الأكاسيا كخشب



Coding Solution

Blocks



Python

```
api_url = 'minecraft://agent.ai/'
api_endpoint = 'classify'
api_key = 'MC-KEY-821-597'

training_data = {
    'wood': 'oak_log',
    'wood2': 'birch_log',
    'wood3': 'acacia_log'
}

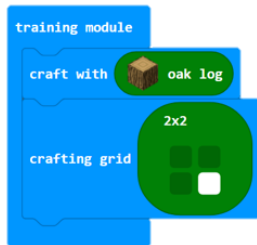
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب العميل لصنع ألواح خشبية



Coding Solution

Blocks



Python

```
# crafting pattern
wood_planks = '''
00
0B
'''

# add additional code below
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

training_data = {
    'crafting': wood_planks
}

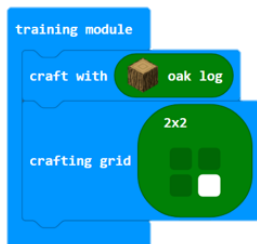
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب الوكيل لصنع طاولة التصنيع



Coding Solution

Blocks



Python

```
# crafting pattern
wood_planks = '''
BB
BB
'''

# add additional code below
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

training_data = {
    'crafting': crafting_bench
}

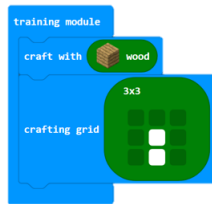
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب الوكيل لصنع العصي



Coding Solution

Blocks



Python

```
# crafting patterns
crafting_bench = '''
BB
BB
'''

sticks = '''
OOO
OBO
OBO
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': crafting_bench,
    'crafting2': sticks
}

# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب العميل لصنع الأدوات الخشبية



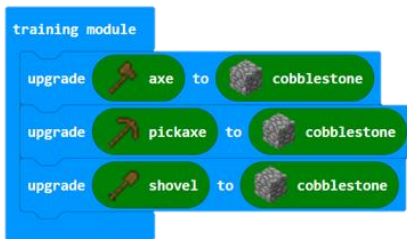
Coding Solution	
Blocks	Python
training module craft with wood craft with stick crafting grid 3x3 crafting grid 3x3 crafting grid 3x3	<pre># crafting patterns axe = ''' BBO BBO OBO ''' pickaxe = ''' BBB OBO OBO ''' shovel = ''' OBO OBO OBO ''' # connection variables api_url = 'minecraft://agent.ai/' api_endpoint = 'crafting' api_key = 'MC-KEY-821-597' # training data training_data = { 'crafting': axe, 'crafting2': pickaxe, 'crafting3': shovel } # API request ai.make_api_request(api_url, api_key, api_endpoint, training_data)</pre>

المهمة: تدريب الوكيل لترقية الأدوات



Coding Solution

Blocks



Python

```

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'upgrade'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'axe': 'cobblestone',
    'pickaxe': 'cobblestone',
    'shovel': 'cobblestone'
}

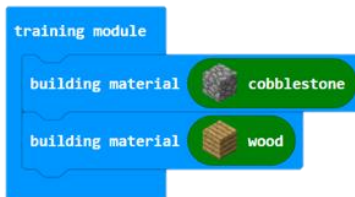
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
  
```

المهمة: تدريب الوكيل على تصنيف مواد البناء



Coding Solution

Blocks



Python

```
# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'classify'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'building_materials': 'cobblestone',
    'building_materials2': 'wood'
}

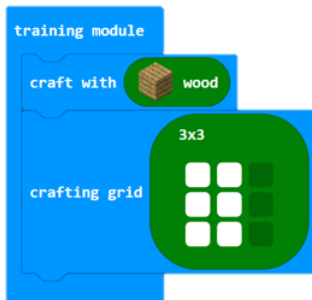
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب العميل لصنع باب



Coding Solution

Blocks



Python

```
# crafting pattern
door = '''
BBO
BBO
BBO
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': door
}

# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب وكيل لتصنيف خام الفحم



Coding Solution

Blocks

training module

classify  coal ore as ore

Python

```
# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'classify'
api_key = 'MC-KEY-821-597'

# add training data
training_data = {
    'ore': 'coal_ore'
}

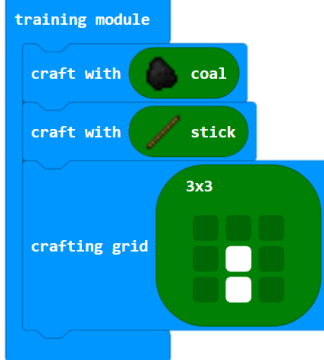
# add API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب العميل لصنع المشاعل



Coding Solution

Blocks



Python

```
# crafting patterns
torches = '''
000
0B0
0B0
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': torches
}

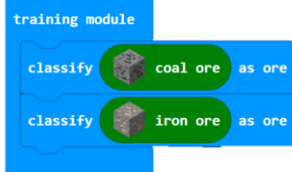
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب العميل لتصنيف خام الحديد



Coding Solution

Blocks



Python

```
# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'classify'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'ore': 'coal_ore',
    'ore2': 'iron_ore'
}

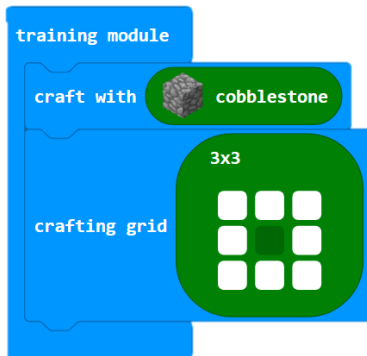
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب الوكيل لصنع فرن



Coding Solution

Blocks



Python

```
# crafting patterns
furnace = '''
BBB
BOB
BBB
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': furnace
}

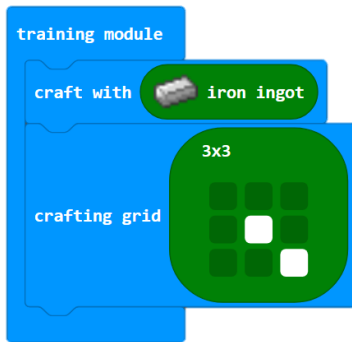
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب الوكيل لصنع المقصات



Coding Solution

Blocks



Python

```
# crafting patterns
shears = '''
000
0B0
00B
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': shears
}

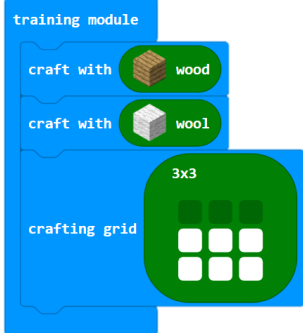
# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```

المهمة: تدريب الوكيل لصنع سرير



Coding Solution

Blocks



Python

```
# crafting patterns
bed = '''
000
BBB
BBB
'''

# connection variables
api_url = 'minecraft://agent.ai/'
api_endpoint = 'crafting'
api_key = 'MC-KEY-821-597'

# training data
training_data = {
    'crafting': bed
}

# API request
ai.make_api_request(
    api_url,
    api_key,
    api_endpoint,
    training_data
)
```