

A vibrant, stylized illustration of a rural landscape. On the left, a grey windmill with four white sails stands on a green hill. A winding path leads from the windmill towards a house with a blue roof and white walls on the right. In the foreground, a river flows through a lush green valley. The sky is a gradient of blue and green, with several white birds flying. The overall scene is bright and cheerful.

# 桃樂絲歷險記

南港區玉成國小

黃雅戀 吳永慧 陳若瑄

## 4 節課(160分鐘)

第一節—桃樂絲的煩惱

第二節—尋找偉大的魔法師

第三節—消滅女巫大作戰

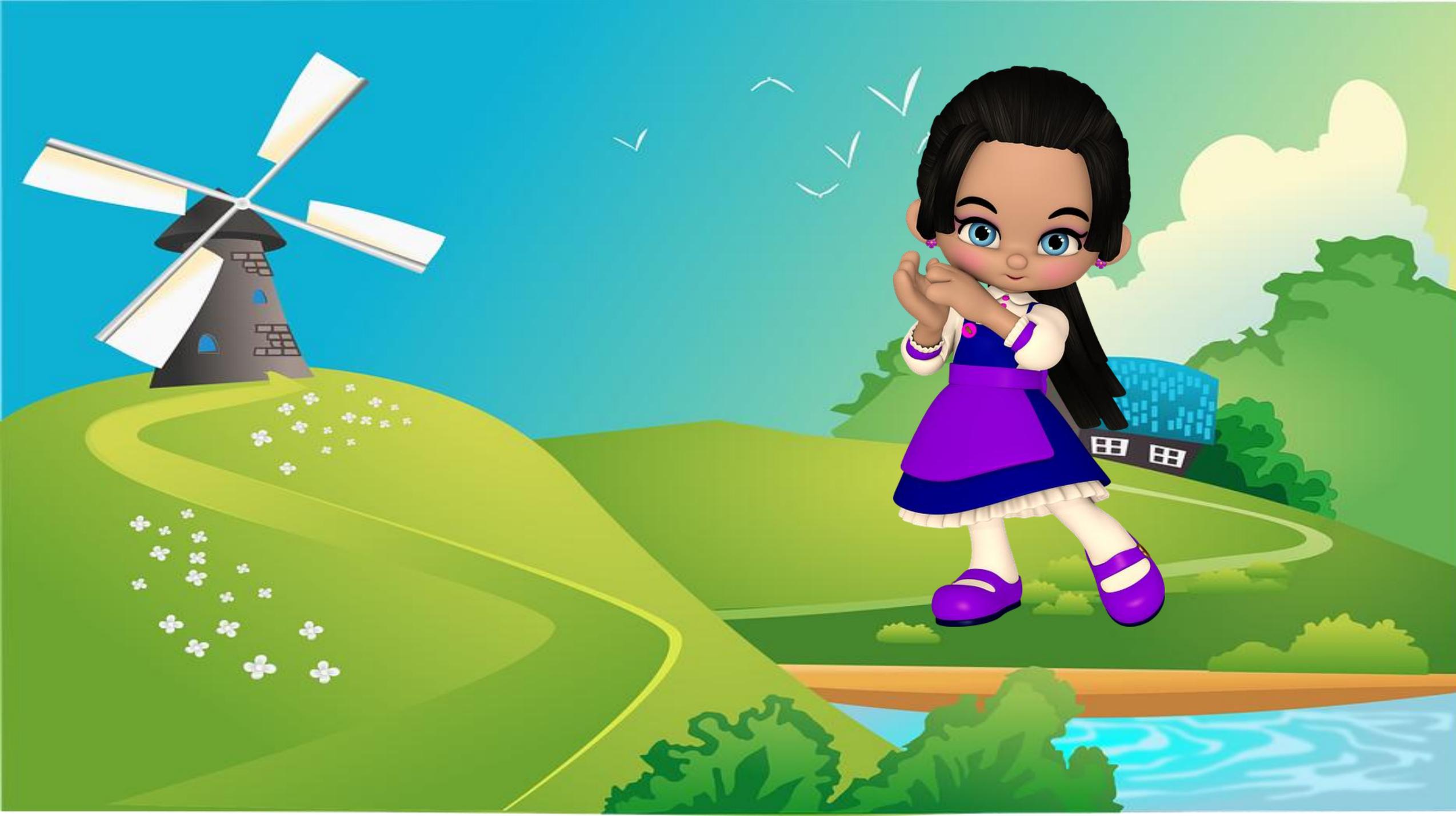
第四節—寶盒的鑰匙



# 第一節—桃樂絲的煩惱

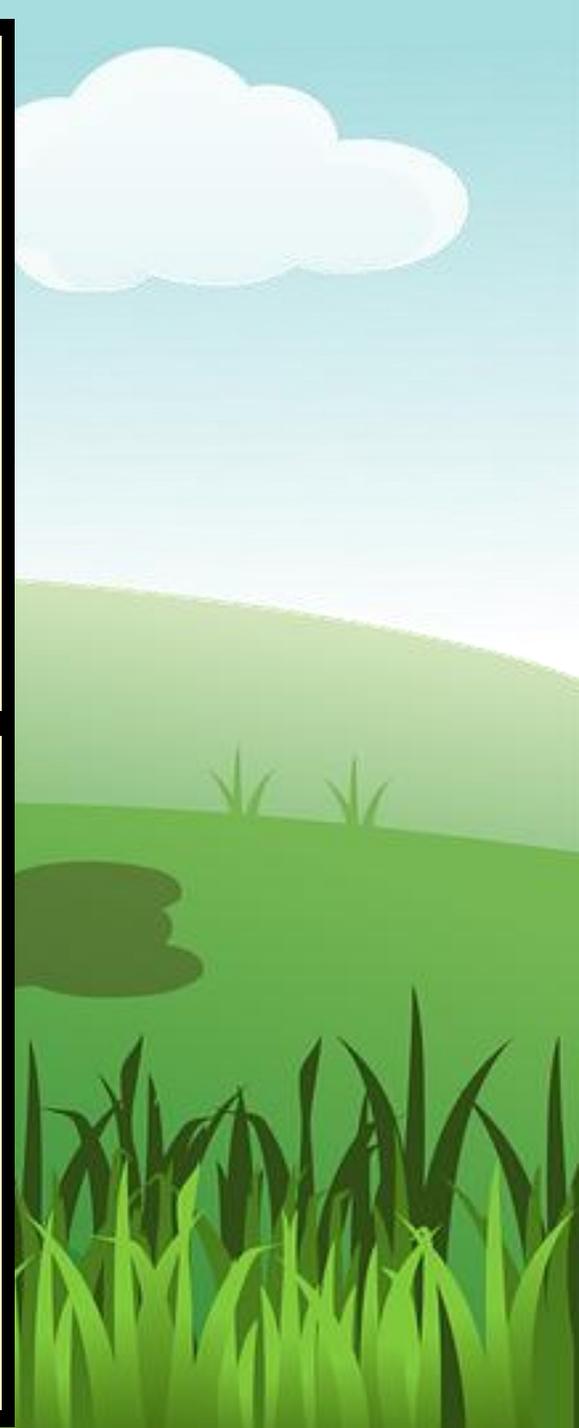
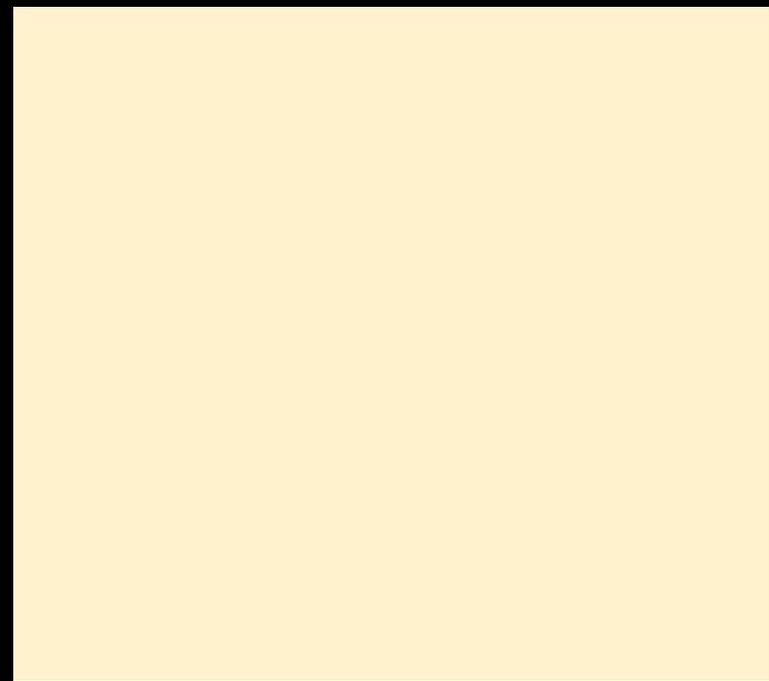
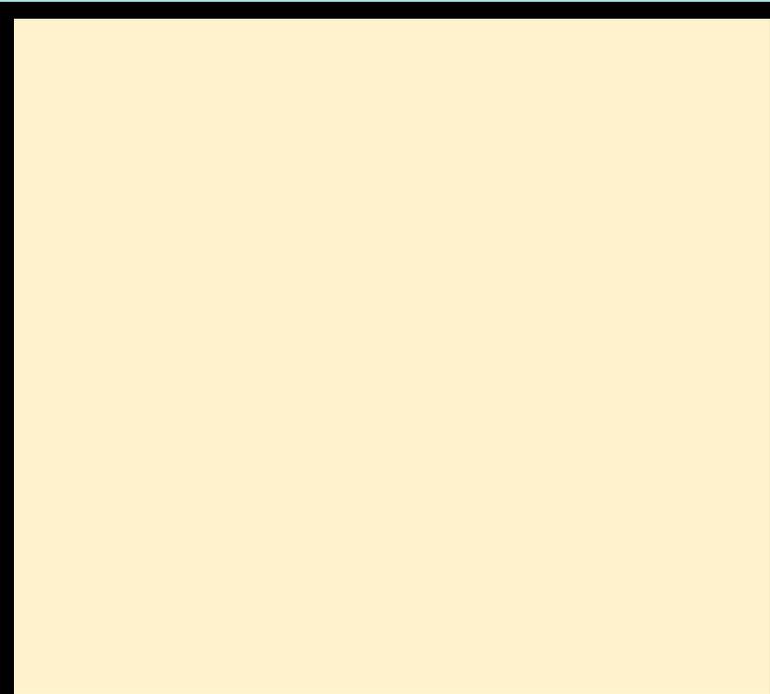
- ◆ 方位辨認
- ◆ 簡單拆解步驟
- ◆ 重覆概念











討論、  
分享

有看出哪裡怪怪的嗎?

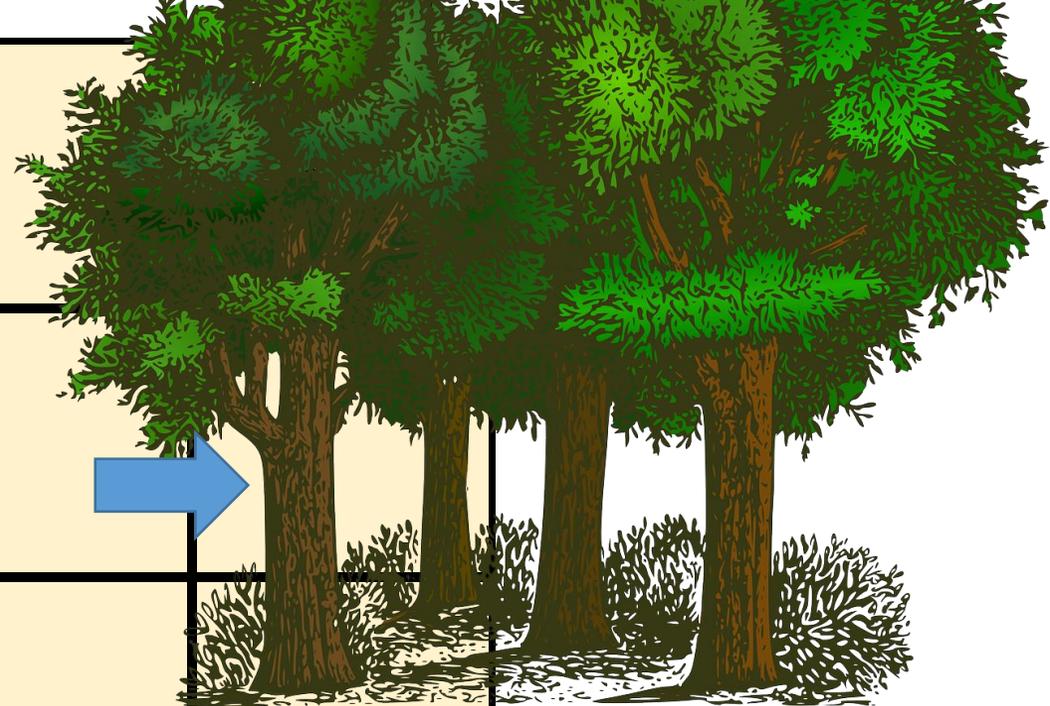
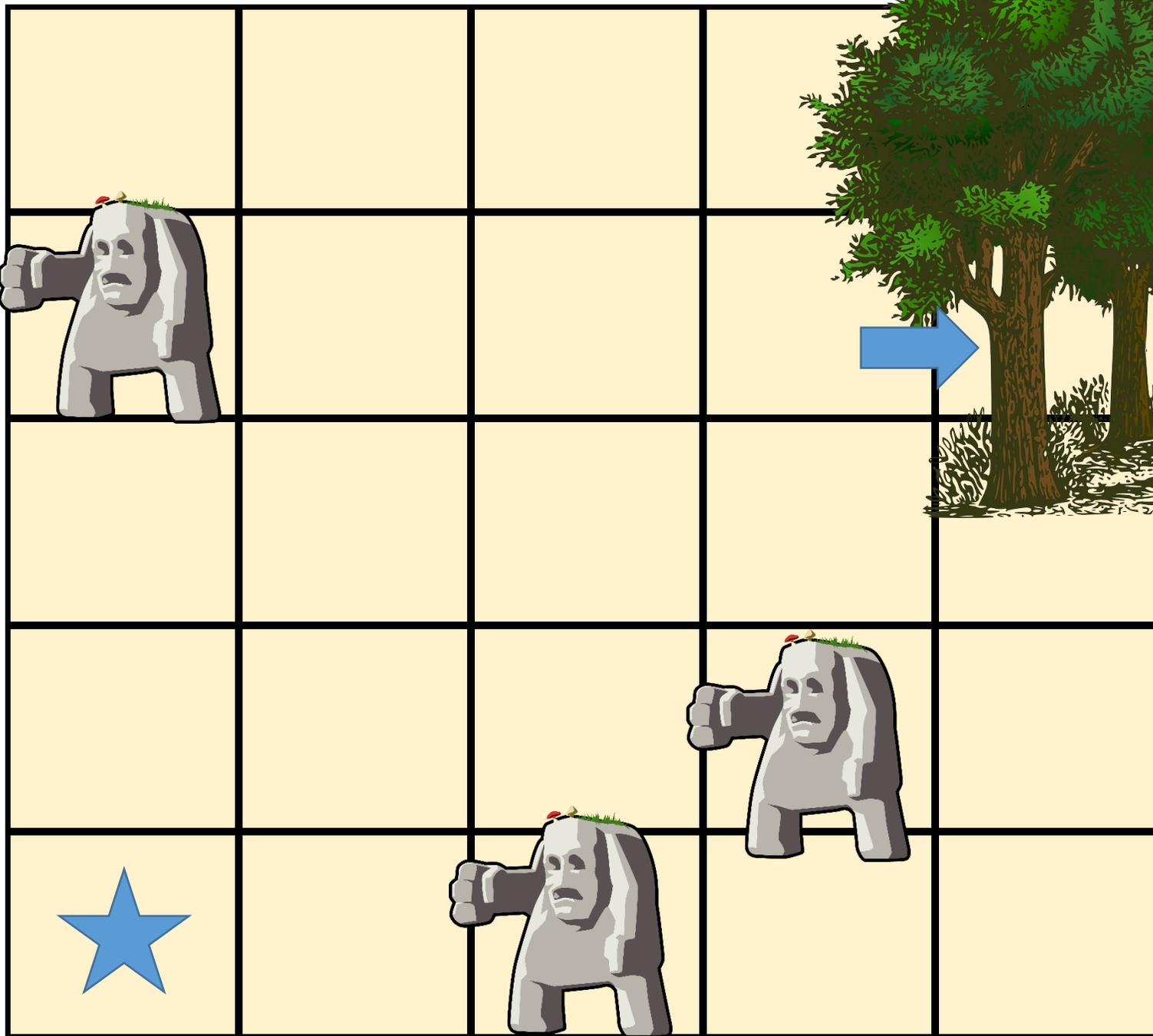






# 第二節課 第一關

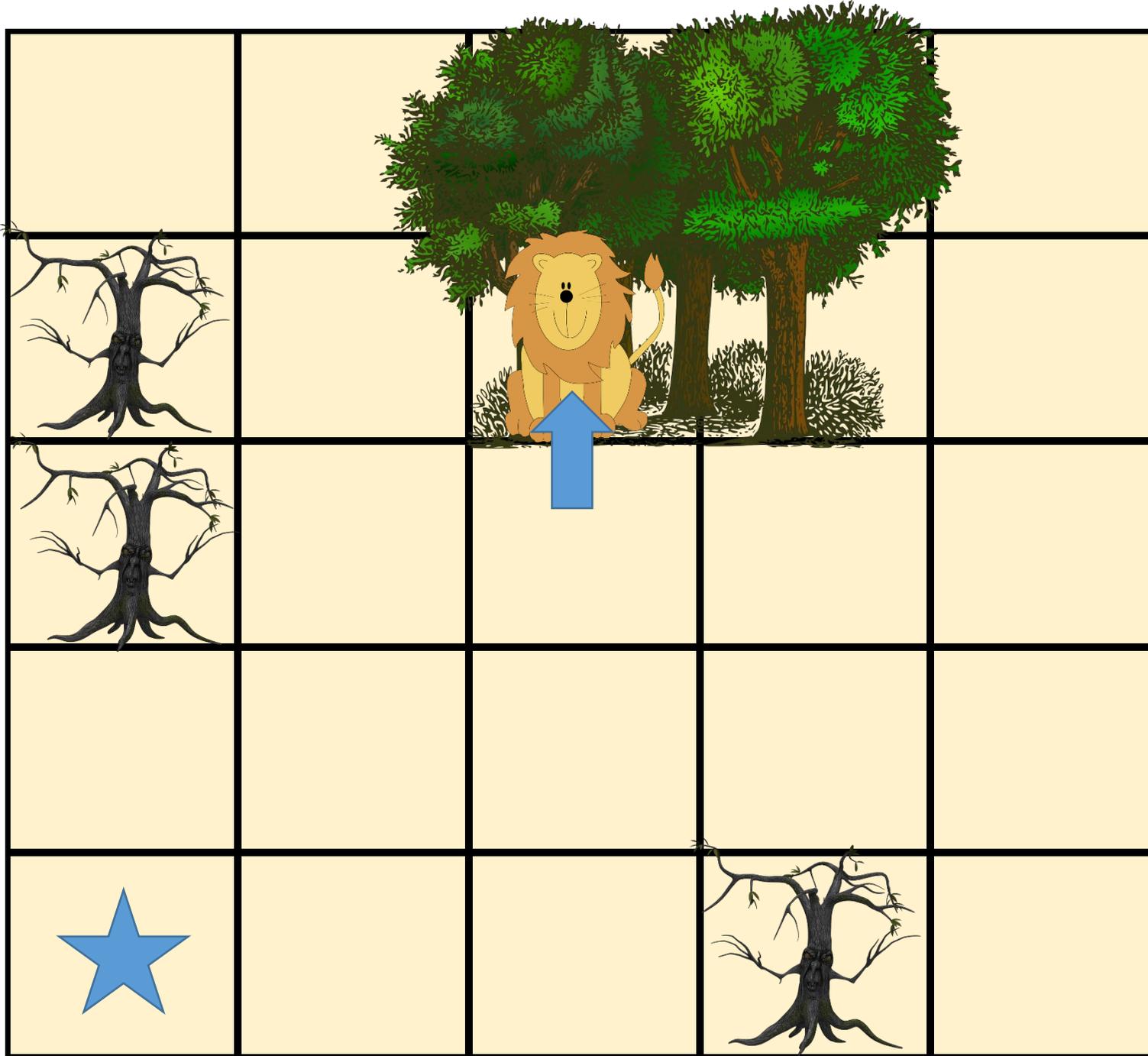
加入障礙物，找出最佳路徑

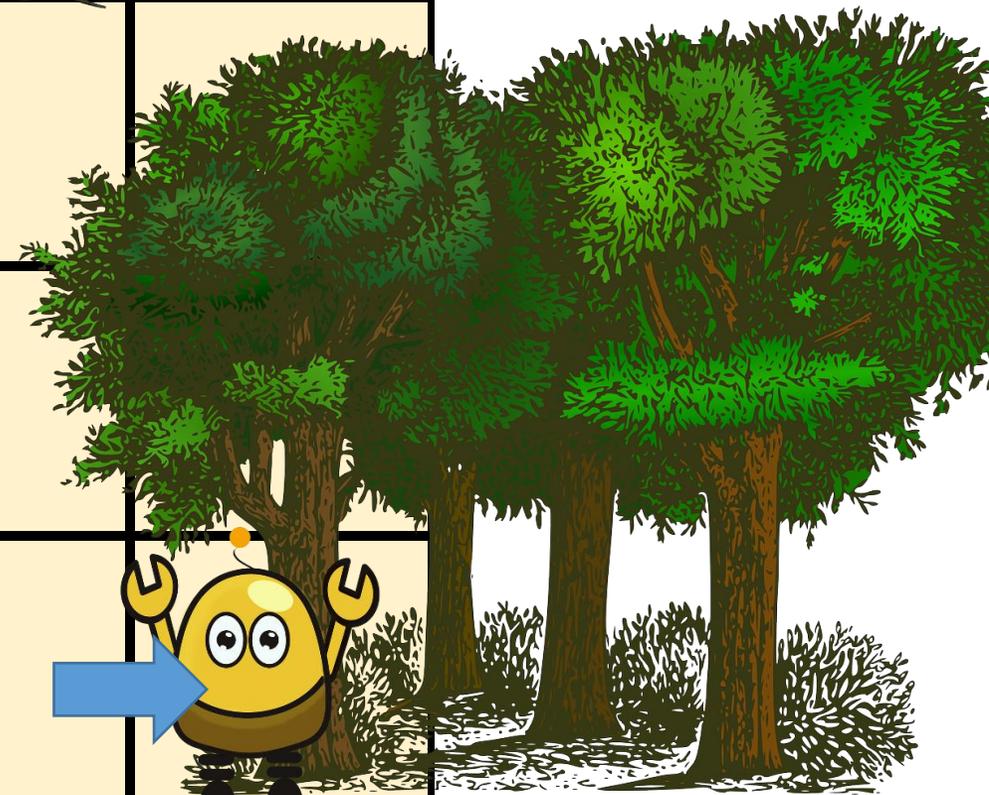
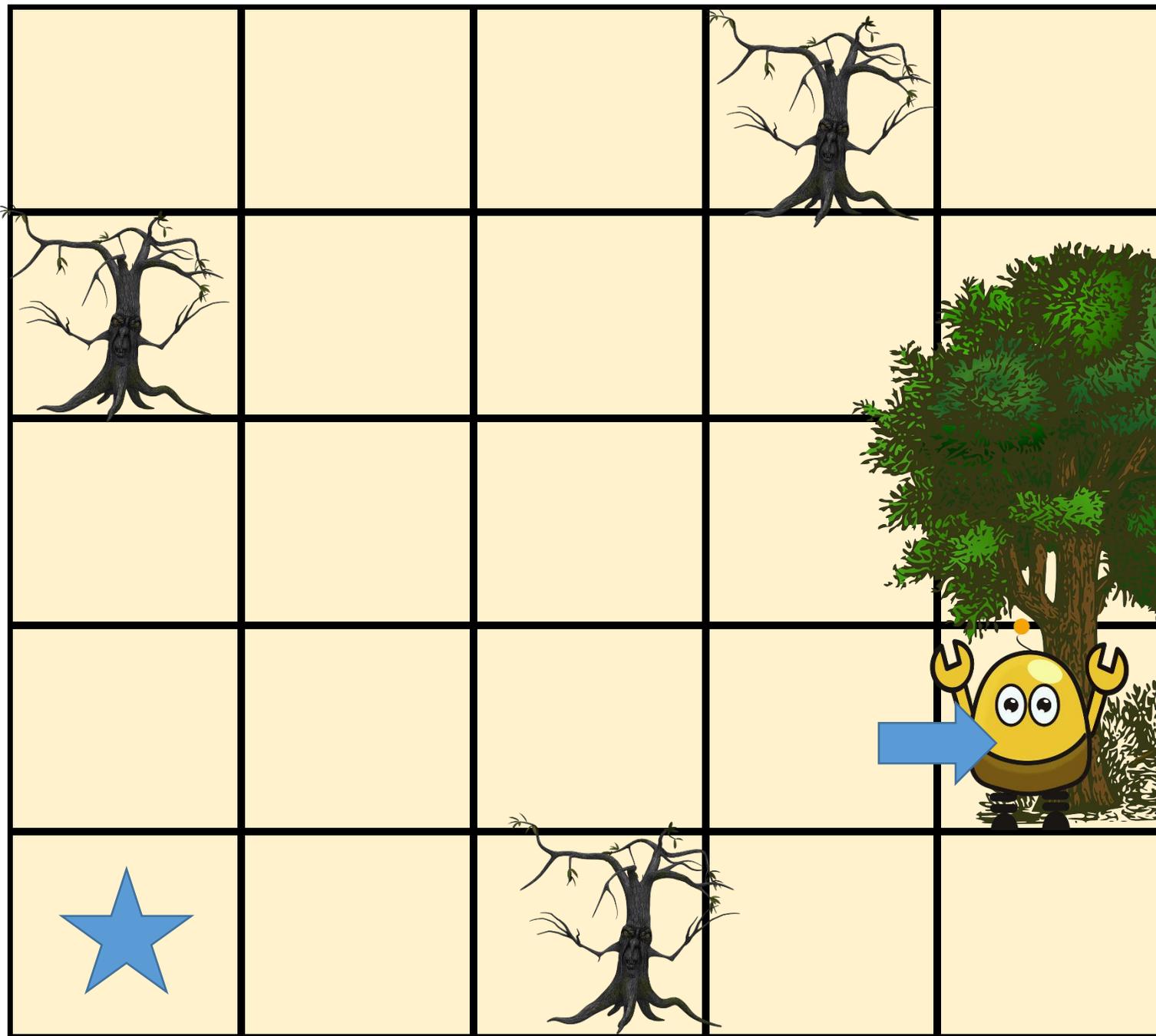


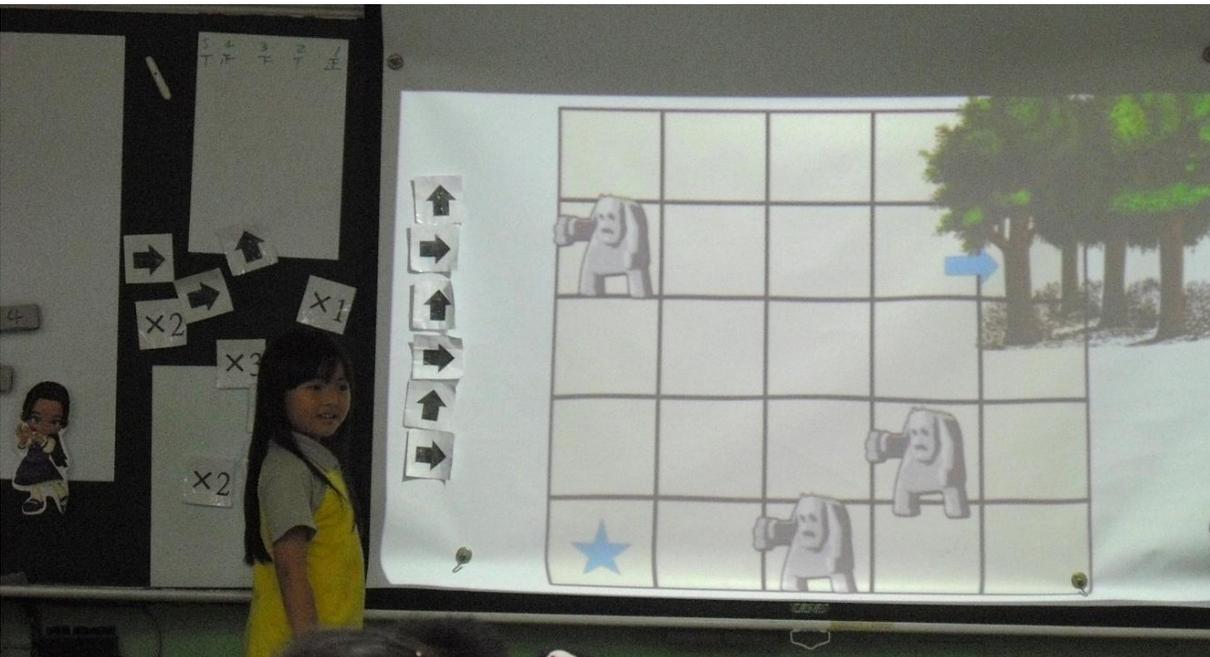
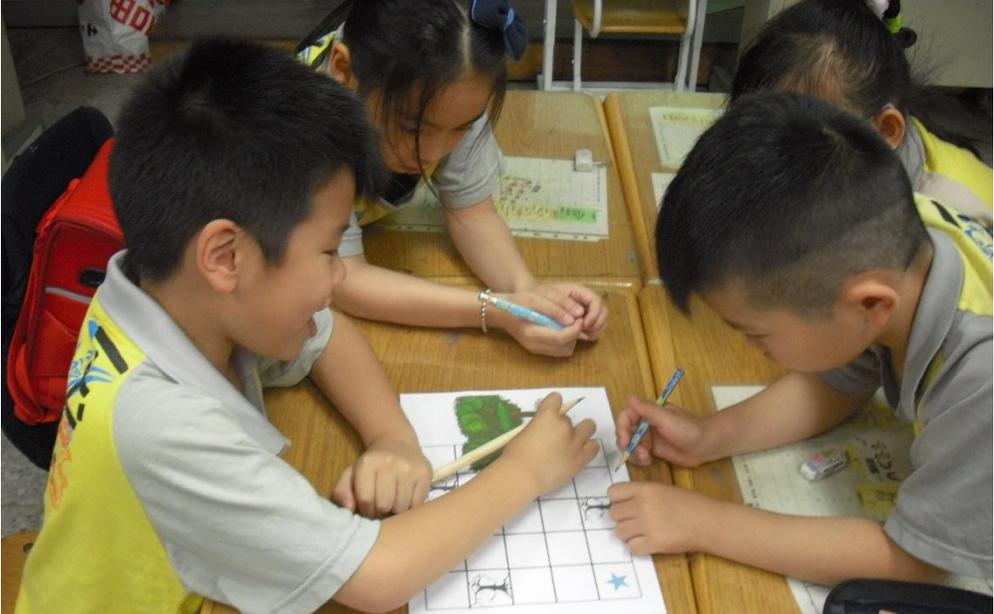
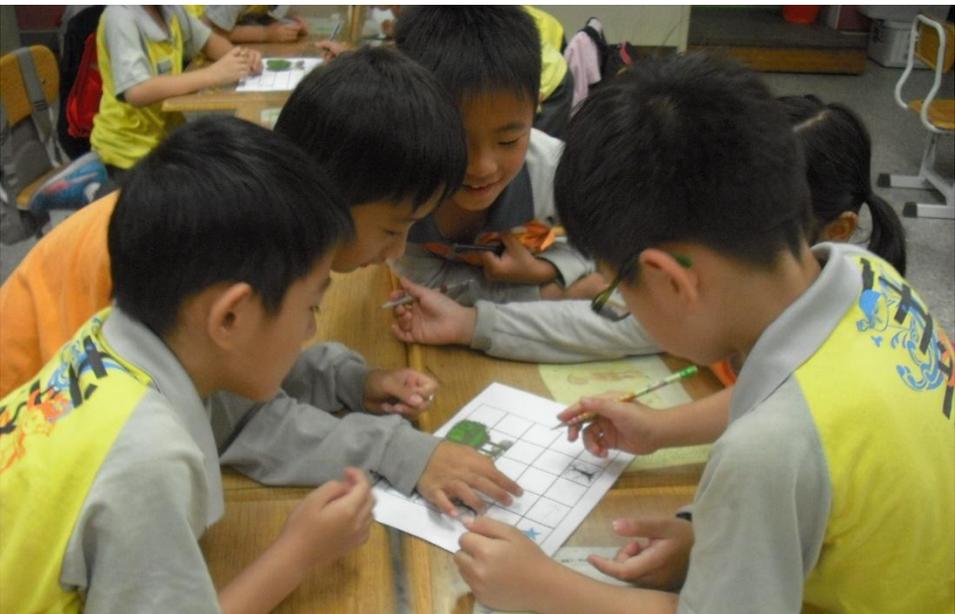










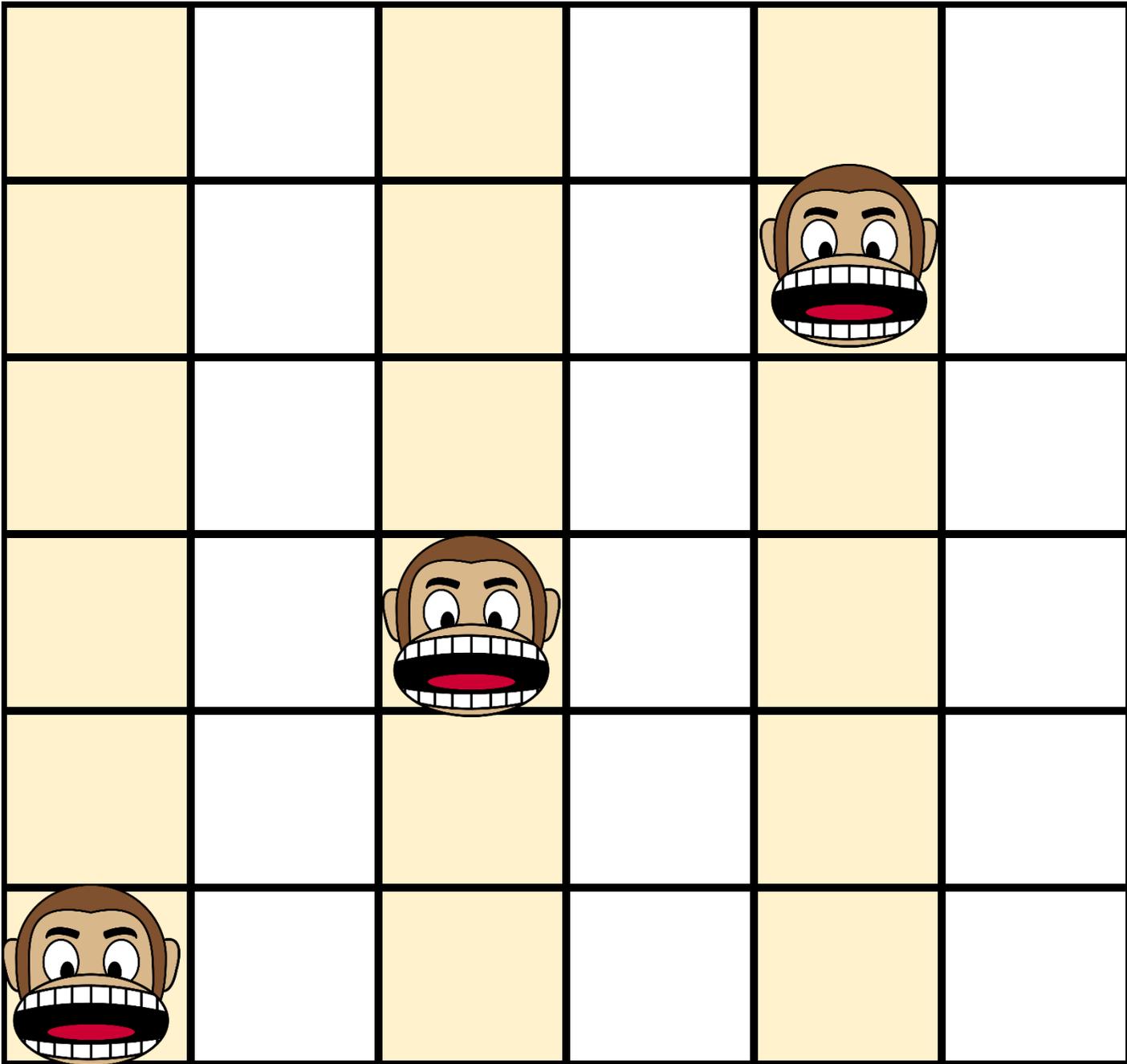


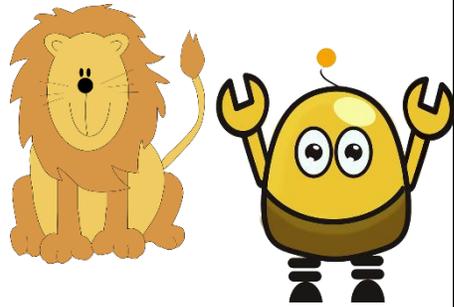
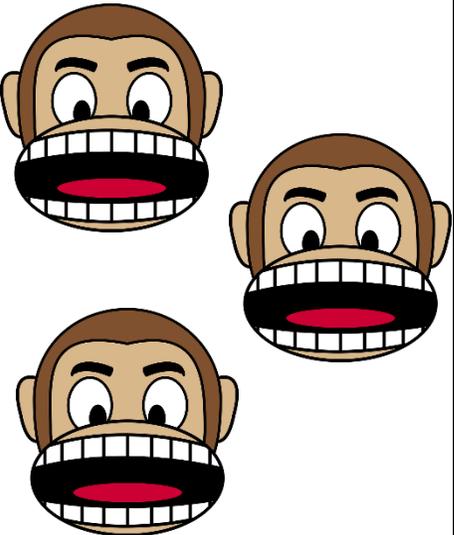
第三堂課

第二

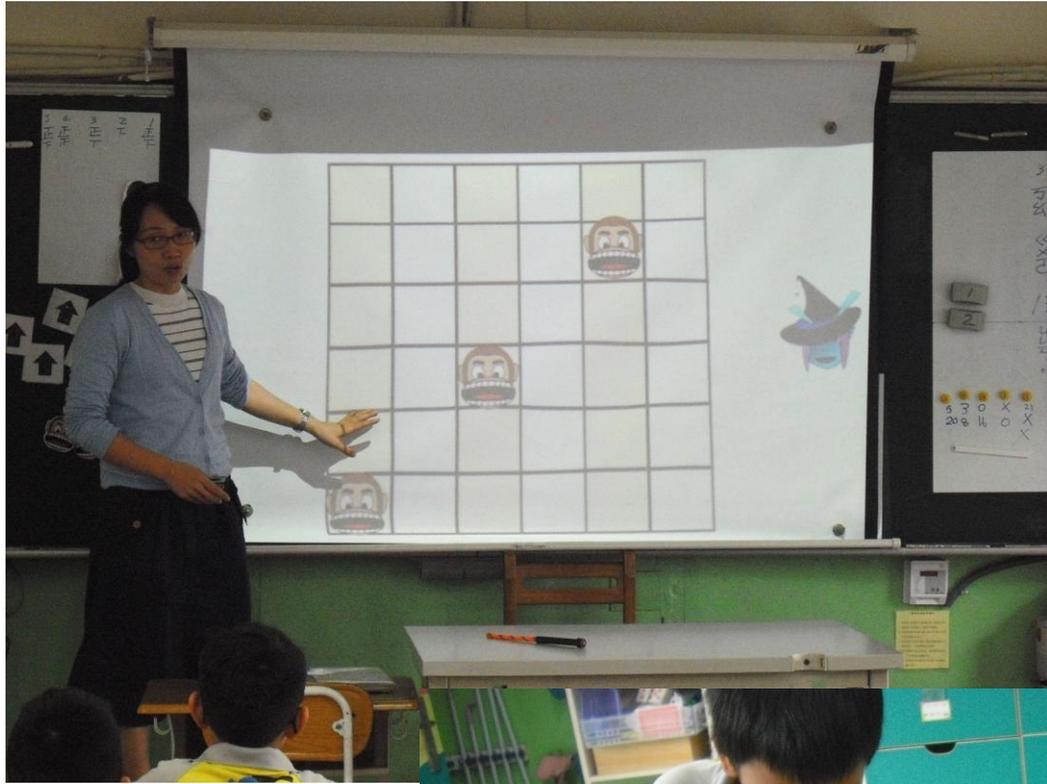
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障礙物升級







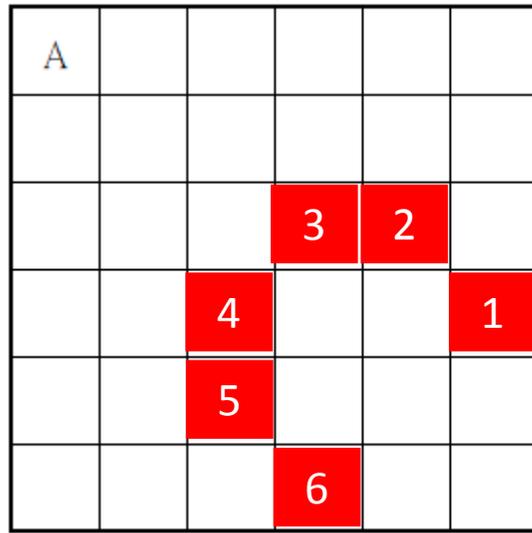


第四節課

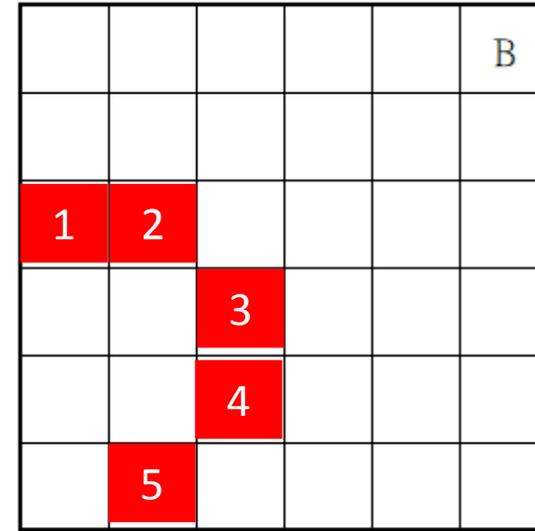
第三

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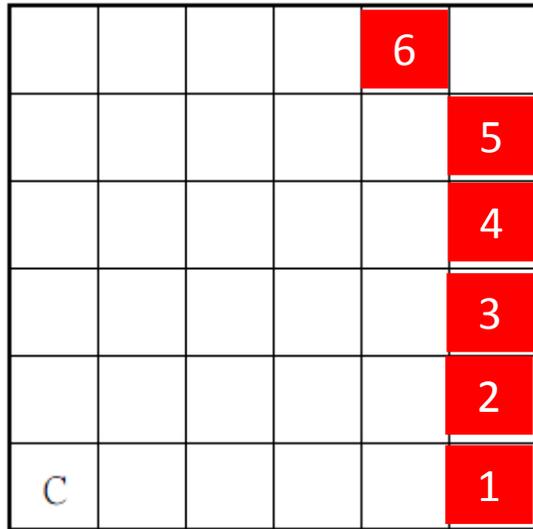
判讀指令線索  
完成小組任務



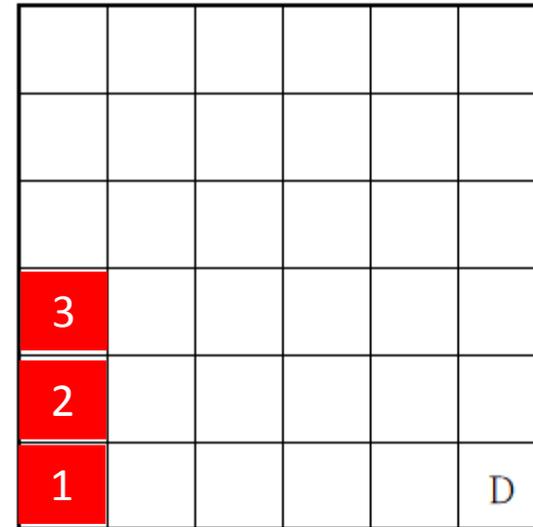
- ① → x5 ↓ x3 ■
- ② ← x1 ↑ x1 ■
- ③ ← x1 ■
- ④ ← x1 ↓ x1 ■
- ⑤ ↓ x1 ■
- ⑥ ↓ x1 → x1 ■



- ① ← x5 ↓ x2 ■
- ② → x1 ■
- ③ → x1 ↓ x1 ■
- ④ ↓ x1 ■
- ⑤ ← x1 ↓ x1 ■

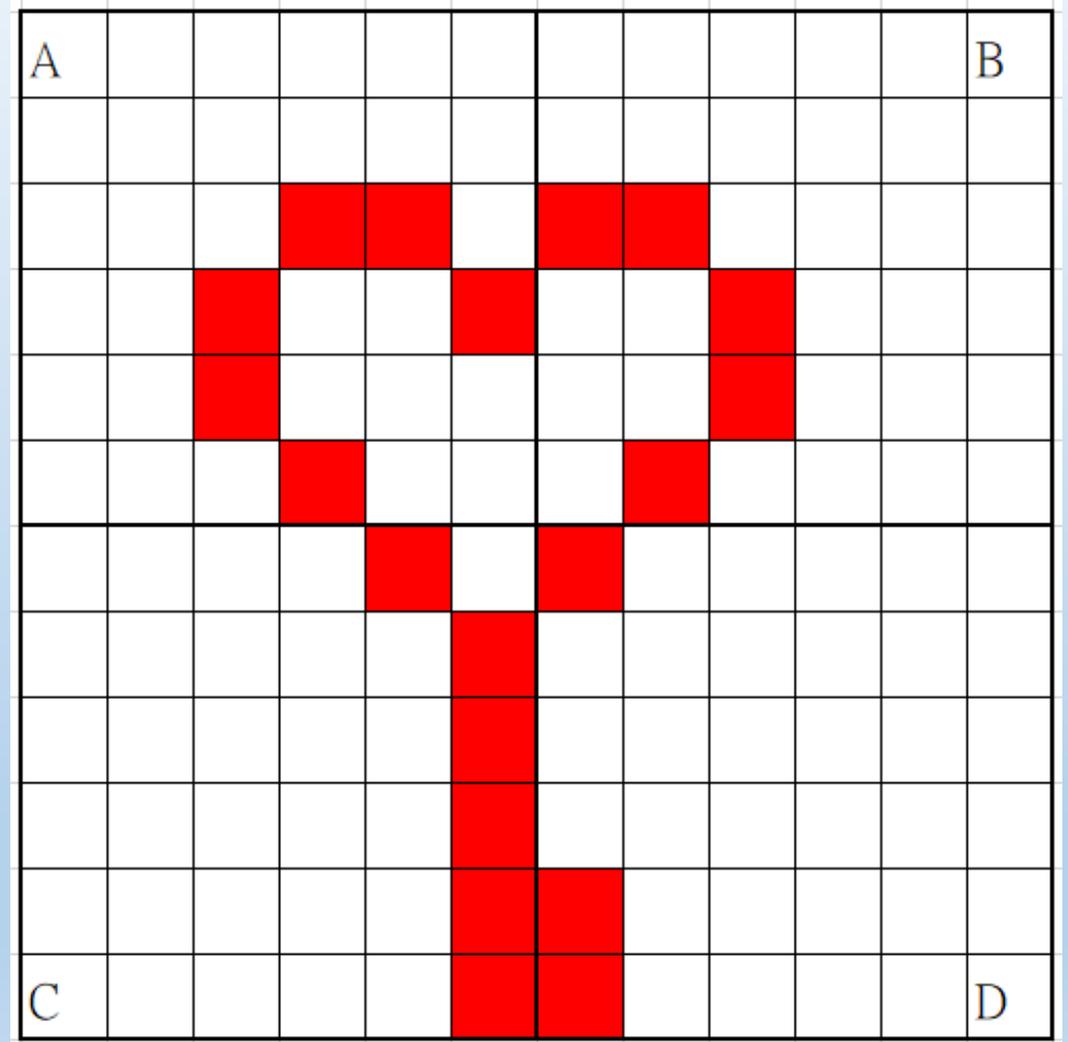
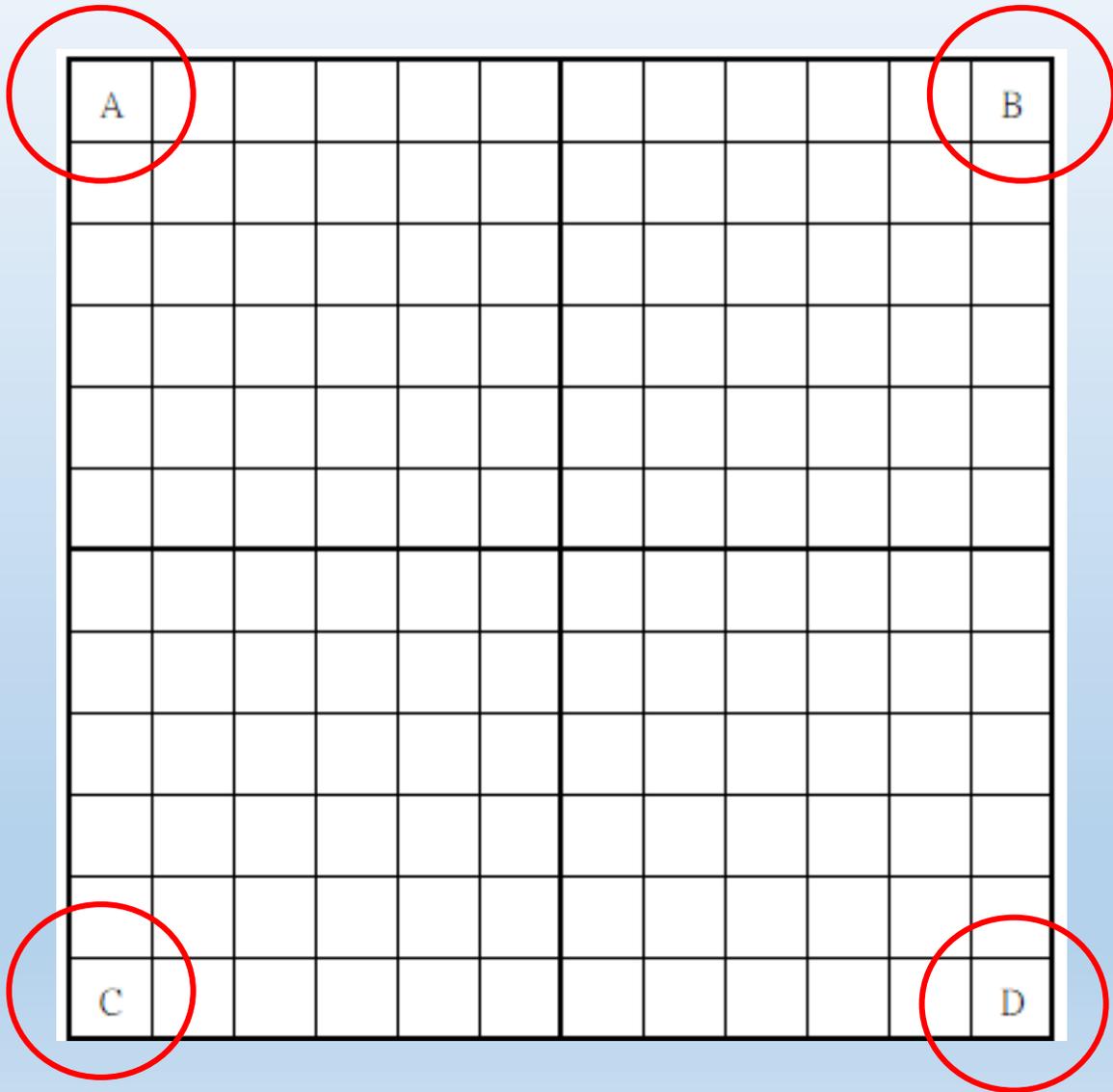


- ① → x5 ■
- ② ↑ x1 ■
- ③ ↑ x1 ■
- ④ ↑ x1 ■
- ⑤ ↑ x1 ■
- ⑥ ← x1 ↑ x1 ■



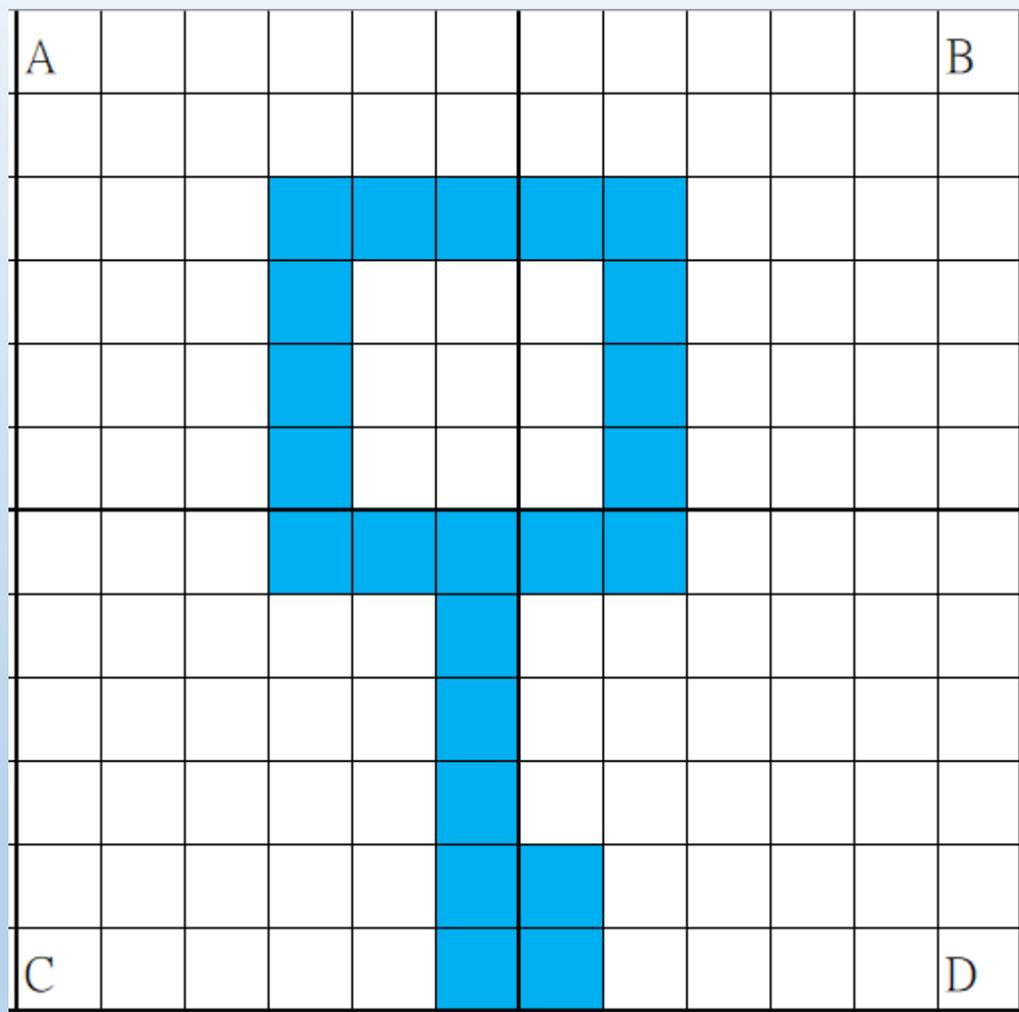
- ① ← x5 ■
- ② ↑ x1 ■
- ③ ↑ x4 ■



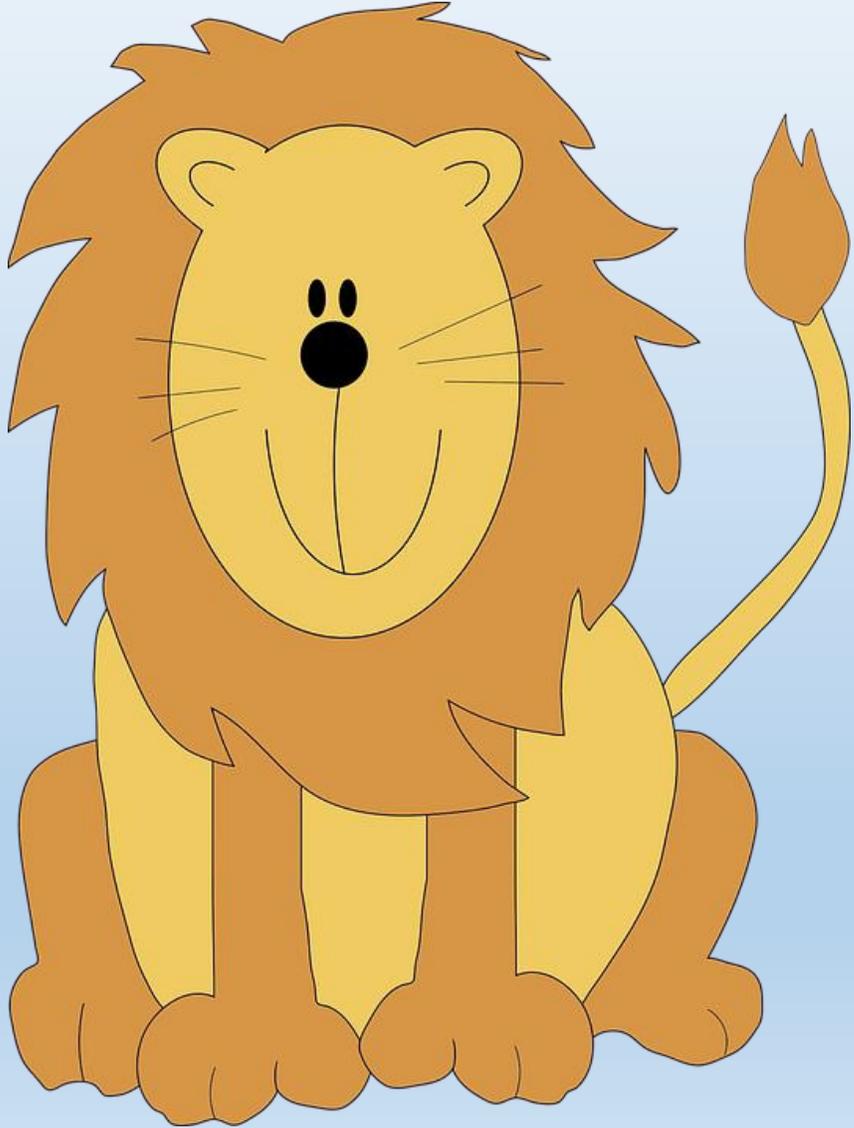


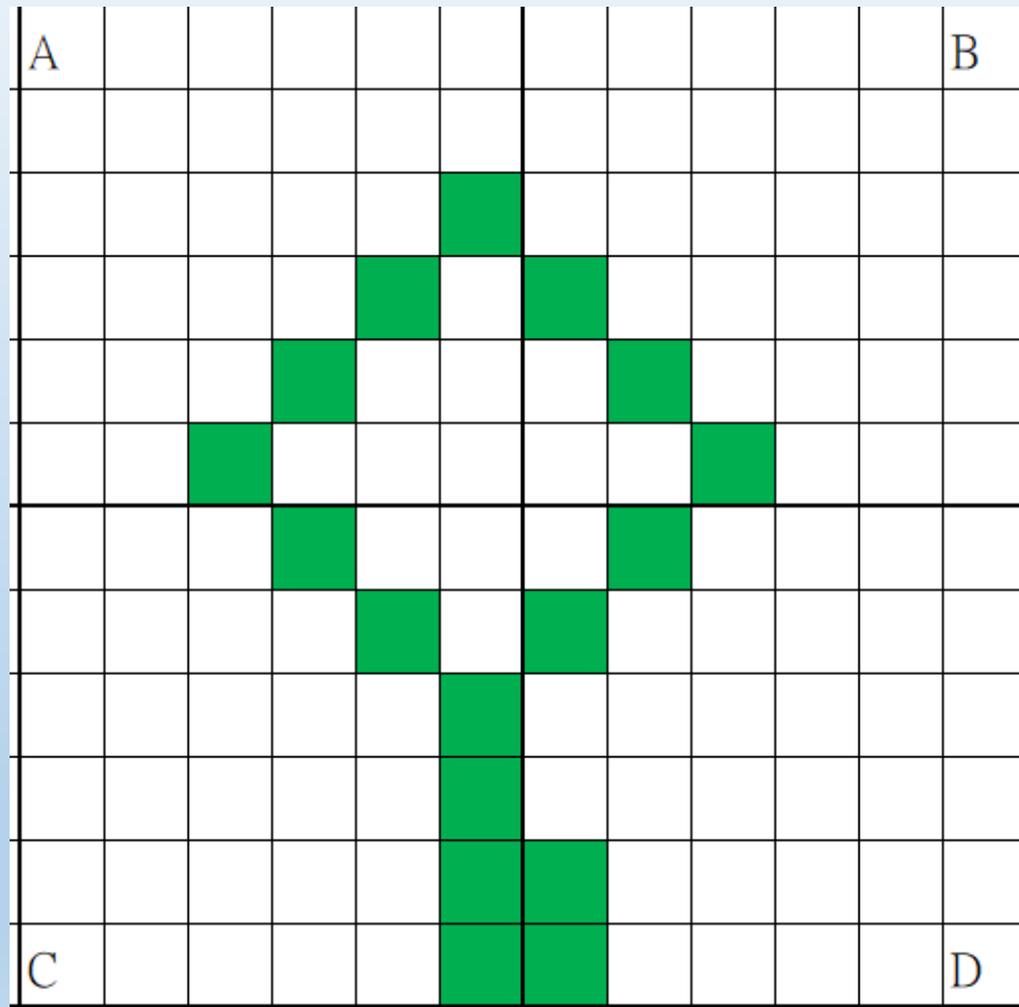






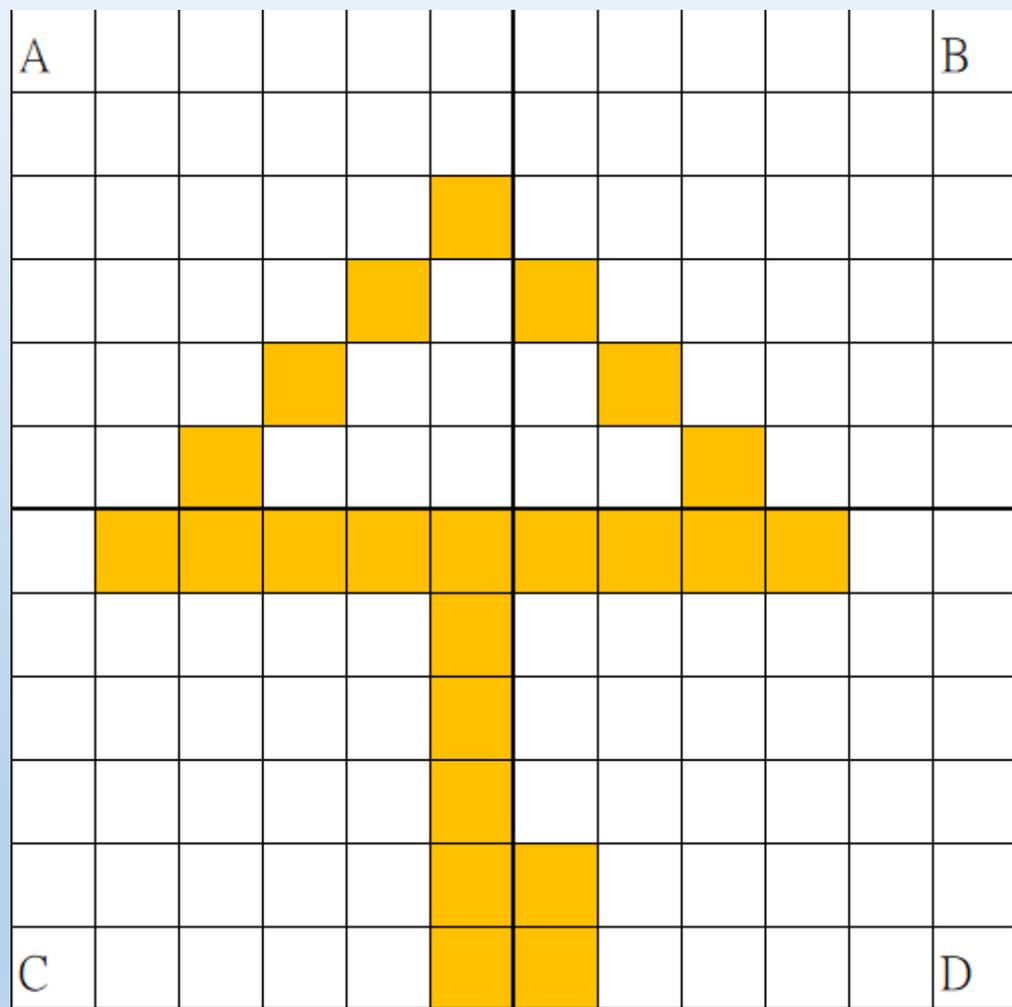




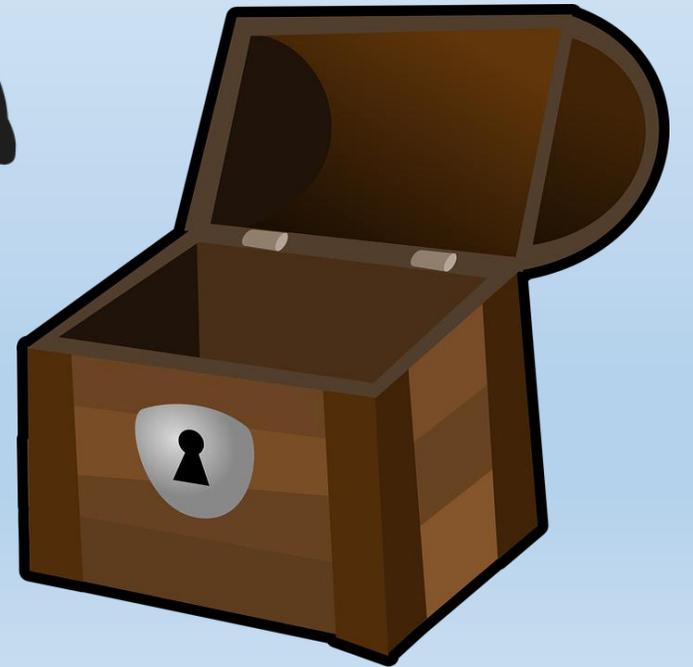
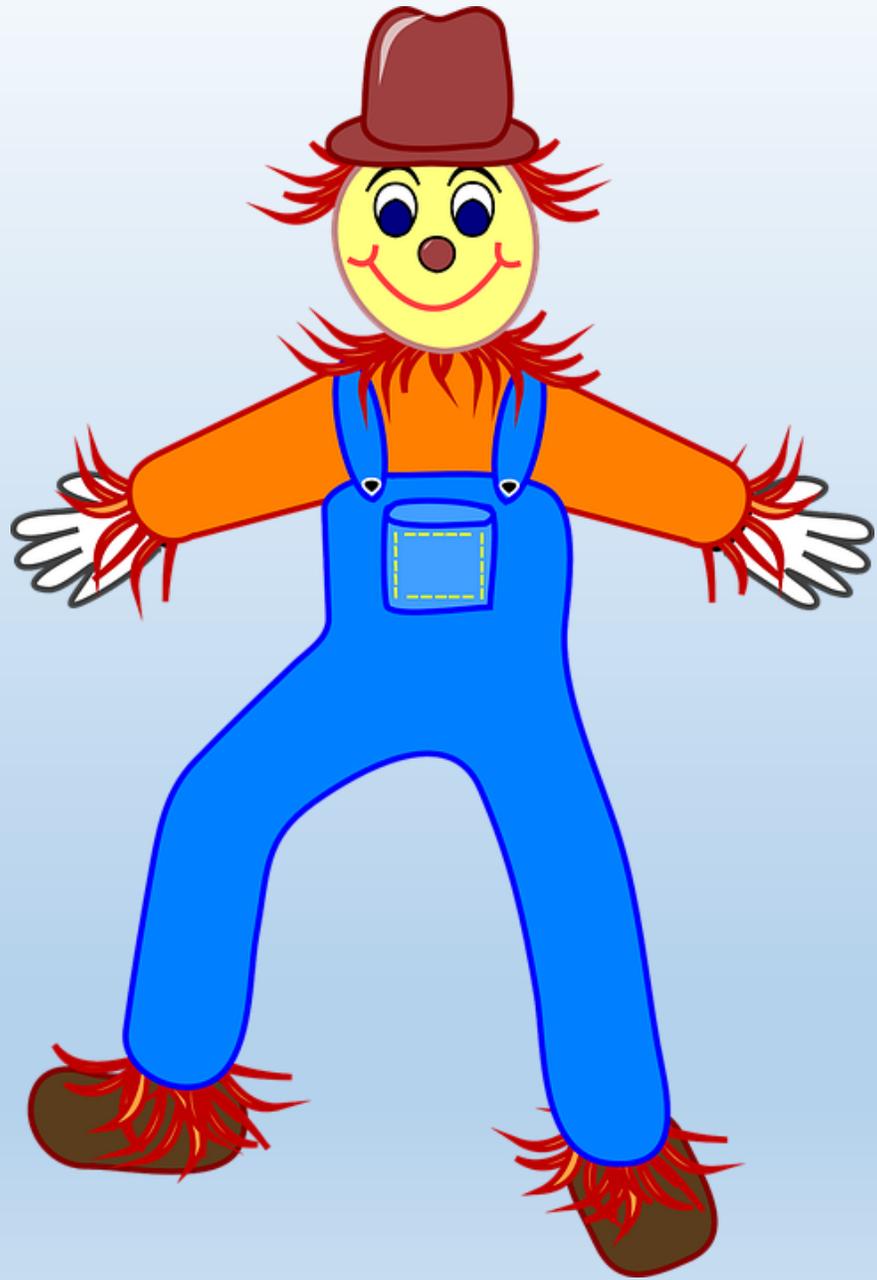














# 最佳小勇士

聰明勇敢的你，通過三關的考驗

在活動中互助合作，完成任務。

表現優異，特次頒獎鼓勵



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## 教案發想

- 國語實小黃健哲老師教案範例
- 不插電訊科學
- Code.org教學資源

## 卡關處

- 故事結構
- 圖片來源
- 寶盒鑰匙題目設計

## 教學省思

- 方位步數
- 場控
- 學習單

**The End**