Egg hunt

(PRIMARY FOCUS: MATH)

For students from approximately 4 to 8 years old.

SUMMARY

KUBO is on an egg hunt. Print out the worksheets below and have the students complete the challenges by placing TagTiles® to make up the correct route. Start by asking students to choose one challenge to complete. When they have completed it they can choose a different one. Make a competition like "Who can collect the most eggs on a map in two minutes?". Make sure there are common rules for when KUBO has collected an egg (e.g KUBO is on the square with the egg). Reward students with chocolate eggs.

BEFOREHAND

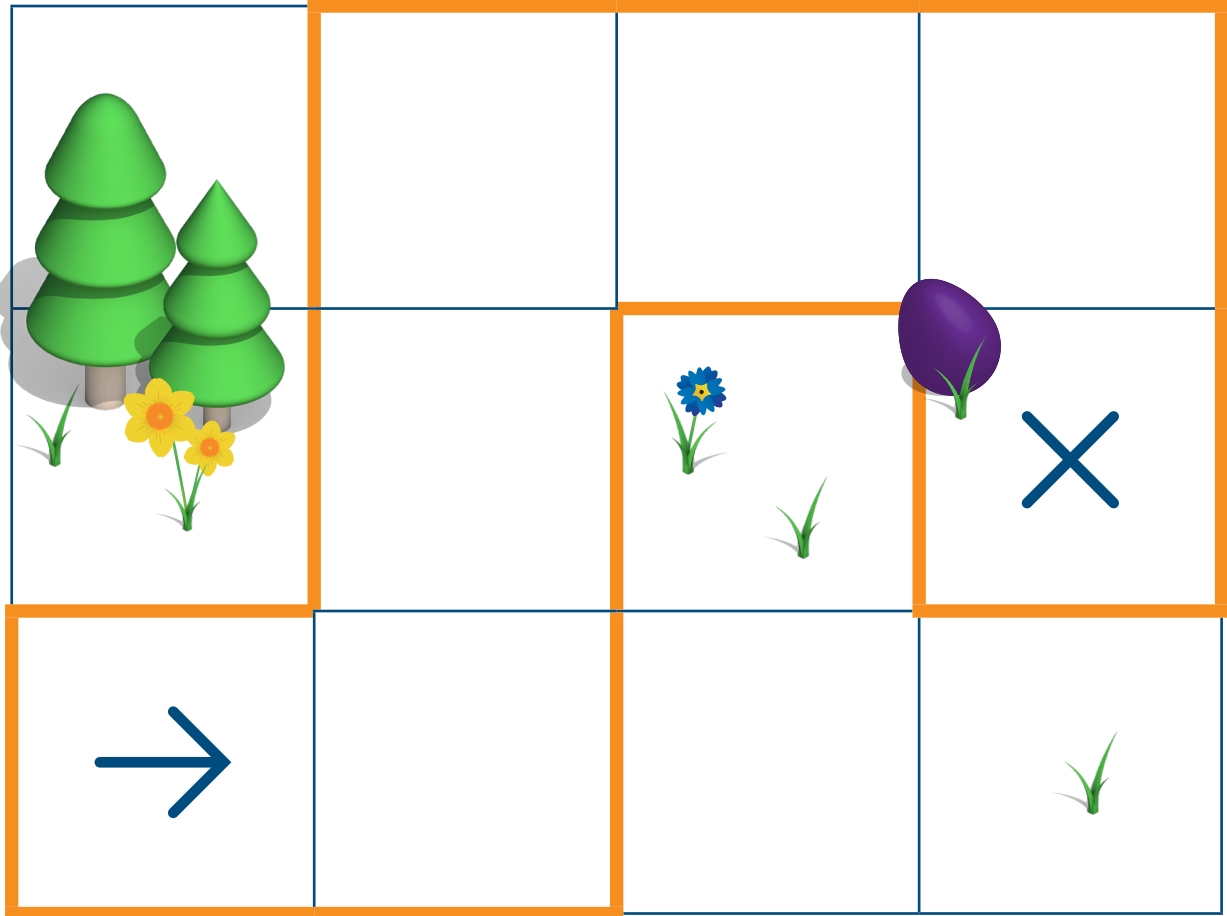Students should be familiar with KUBO and the Coding TagTiles. Students work in pairs.

RESOURCES

- 1 KUBO robot per pair, fully charged
- 1 set of Coding TagTiles
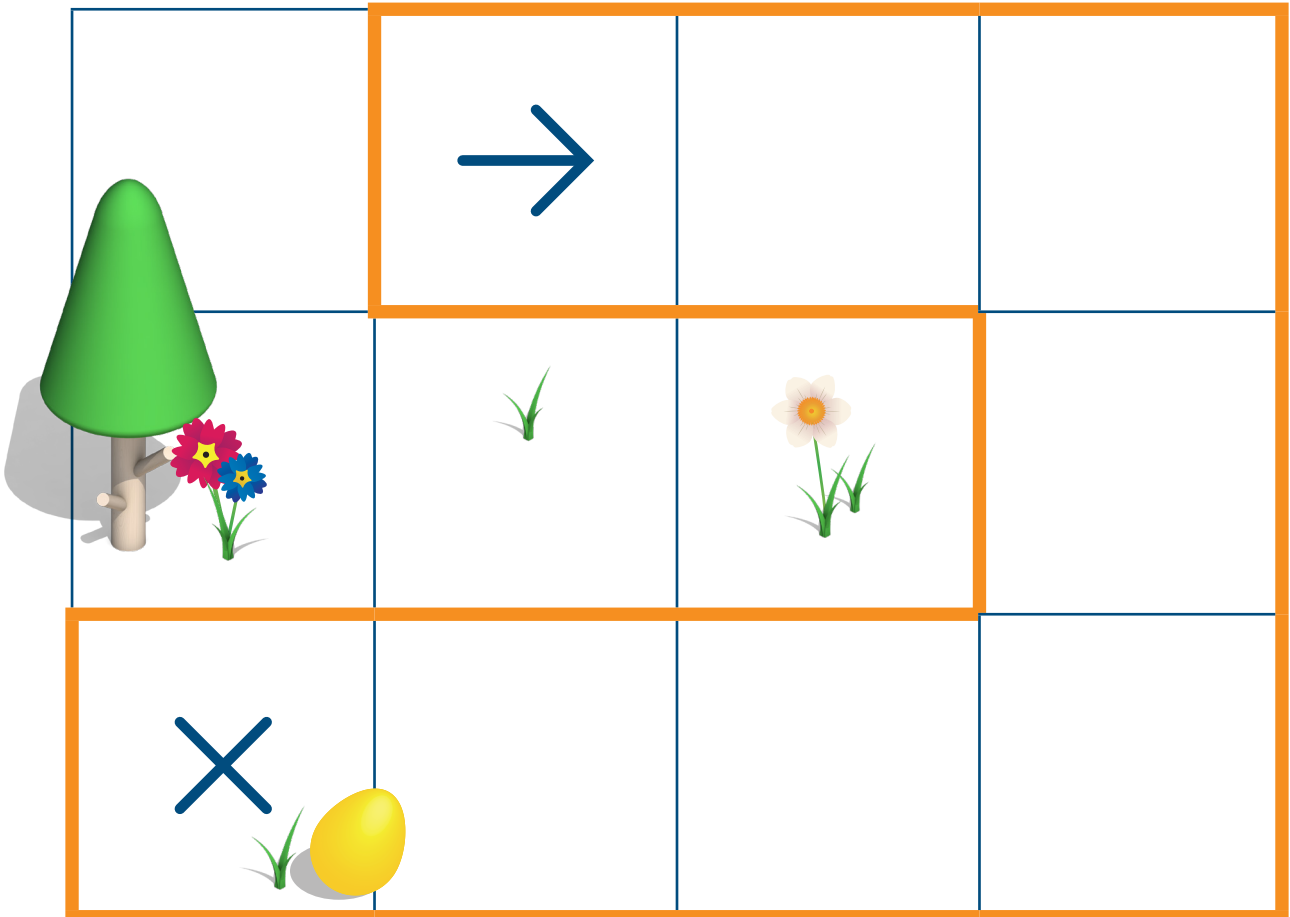- Chocolate eggs or other small items as a prize

CROSS-CURRICULAR LINKS

- Art: Let students draw their own design of one or several routes on a blank map. Have students write down routes for KUBO to complete a creative task with (chocolate) eggs.
- Math: Have students write a number as a path challenge for KUBO to complete. Have them calculate how many moves it takes to complete the number.

EXTENSION ACTIVITIES

- Add new competitive criteria such as: How many eggs can you collect in 3 minutes?
- Place six to ten eggs on different squares on a blank map. Have KUBO start from one corner of the map and let KUBO collect as many eggs as possible by coding routes for KUBO to collect the eggs.

SOLUTION EXAMPLE

The coding in this activity should be simple – get KUBO from one point to another and back or get KUBO from one point to the next (collecting eggs).
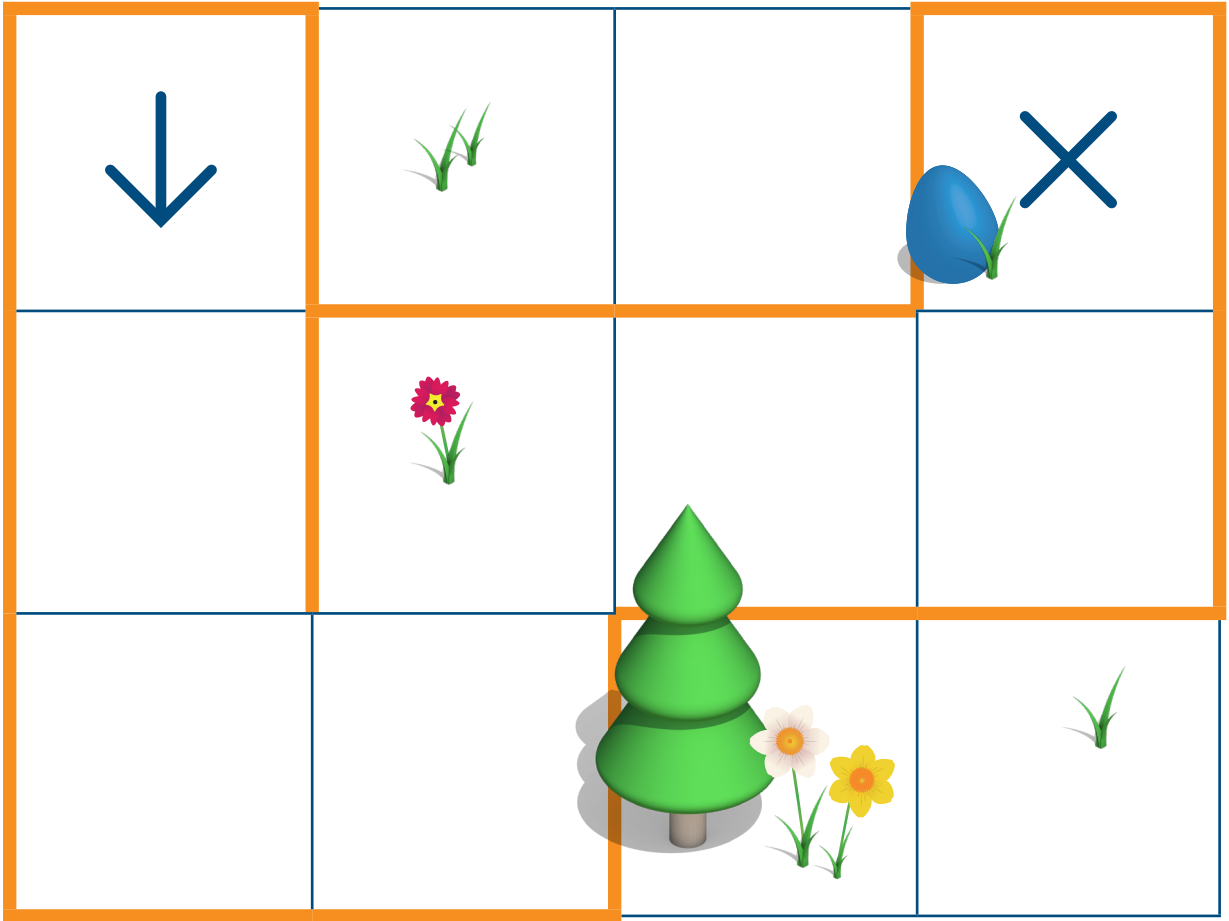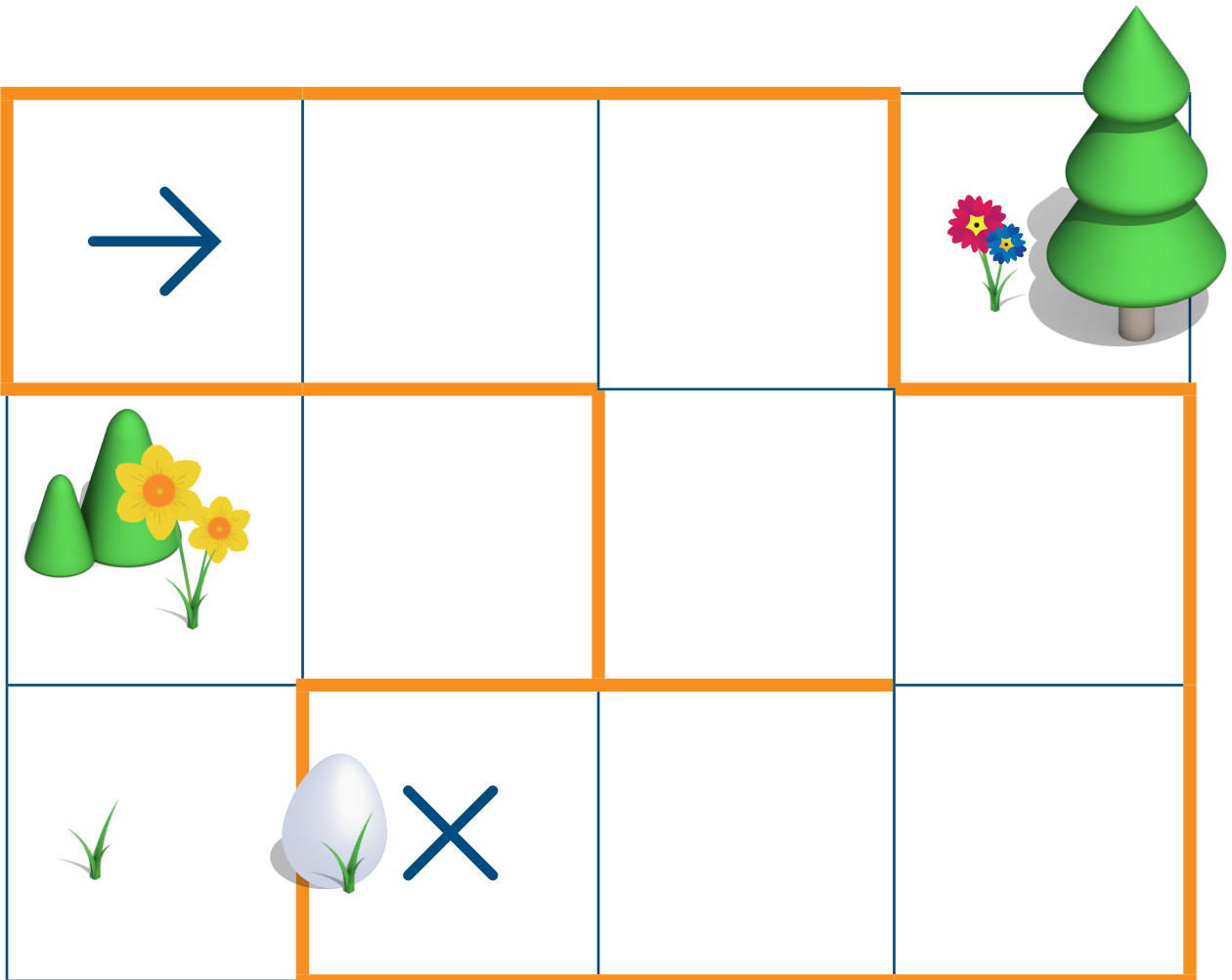
NOTES

Egg Hunt path challenge sheet 1

Egg Hunt path challenge sheet 2

Egg Hunt path challenge sheet 3

Egg Hunt path challenge sheet 4