

The teacher can use either the simple class assessment (p. 5 of this document) with pupil names in the left column, or collate star assessment based on the tables in the classroom as is explained below. In both, pupils can colour in the stars as they progress through their workbook.

The teacher prints a Computational Thinking Workbook assessment sheet for each table. Each pupil sums their total stars. Pupils at each table work together to sum the total number of stars for each lesson. The data from each table are transferred to a class assessment sheet to picture the progress of the whole class. Using this kind of table-based assessment can teach pupils about data collection, data recording, and data organising.







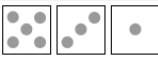
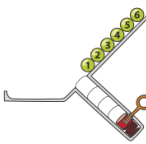


Three types of blank printable sheets are provided below (after the pre-filled examples):

a sheet for a table of six pupils (p. 3), a sheet for a class of six tables (p. 4), and a simple assessment sheet for 15 pupils (p. 5).

This Google Docs document (link available at <https://pact.cs.nuim.ie/qr/workbook>) can be modified by going to “Files” and selecting “Make a copy”.







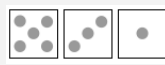
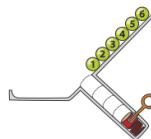


Suggestion: The teacher can decide to give out prizes (e.g. extra play time, homework pass, treats, ...) for particular achievements (e.g. pupil/table with most stars, class/table reaching 100/200/300 stars, streak - five times getting 3 stars in a row,...).

Sample sheet for a table of six pupils (shown completed for illustration purposes, blank version below):

Table 1	 Pearl bracelet	 Passwords	 Collecting nectar	 Beaver code	 Dream dress	 Beehive	 Throw the dice	 Balls	 Car transportation	 Footprints	Total stars
Emma	★★★★	★★★☆☆	★★★☆☆	★★★☆☆	★★★★	★★★☆☆	★★☆☆☆	★★★☆☆	★★★★	★★☆☆☆	21
Oscar	★★★☆☆	★★★★	★★☆☆☆	★★☆☆☆	★★☆☆☆	★★★☆☆	★★★★	★★★☆☆	★★☆☆☆	★★★☆☆	18
Olivia	★★★☆☆	★★★☆☆	★★☆☆☆	★★★★	★★☆☆☆	★★★★	★★★☆☆	★★☆☆☆	★★☆☆☆	★★★☆☆	18
Ben	★★★☆☆	★★★☆☆	★★☆☆☆	★★★☆☆	★★★★	★★★☆☆	★★★☆☆	★★★★	★★★☆☆	★★☆☆☆	20
Sophie	☆☆☆☆	★★★☆☆	★★★☆☆	★★☆☆☆	★★★☆☆	★★★★	★★★★	★★★★	★★★☆☆	★★★☆☆	20
James	★★★★	★★☆☆☆	★★☆☆☆	★★★☆☆	★★★☆☆	★★★☆☆	★★★★	★★☆☆☆	★★★★	★★★☆☆	20
Total stars	12 / 18	12 / 18	8 / 18	11 / 18	12 / 18	14 / 18	14 / 18	12 / 18	12 / 18	10 / 18	117 / 180

Sample sheet for a class level assessment sheet for class of four tables (shown completed for illustration purposes, blank version below):







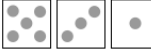
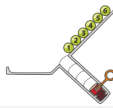


5th class computational thinking stars

	 Pearl bracelet	 Passwords	 Collecting nectar	 Beaver code	 Dream dress	 Beehive	 Throw the dice	 Balls	 Car transportation	 Footprints	Total stars
Table 1	12	12	8	11	12	14	14	12	12	10	117
Table 2	12	10	18	12	10	16	12	12	10	12	124
Table 3	14	12	16	12	10	16	12	12	10	14	128
Table 4	12	10	18	14	14	16	12	12	8	14	130
Total	50	44	60	49	46	62	50	48	40	50	499

Prize list

- 100 stars - extra 10 min yard time
- 200 stars - extra 20 min yard time
- 300 stars - extra 30 min yard time
- 400 stars - free homework
- 500 stars - afternoon in the town playground

Table with most stars - sweet treat

Class	 Pearl bracelet	 Passwords	 Collecting nectar	 Beaver code	 Dream dress	 Beehive	 Throw the dice	 Balls	 Car transportation	 Footprints	Total stars
Table 1											
Table 2											
Table 3											
Table 4											
Table 5											
Table 6											
Total											

