

# Cat5 Teacher's Guide

## Mathematics

Cat5 offers Mathematics subtests for Kindergarten through grade 12. For this study, the assignment of test levels to grades is as follows:

### Assignment of Cat5 levels to grades

Test Level	Grade	
	Spring	Fall
10	K	1
11	1	2
12	2	3
13	3	4
14	4	5
15	5	6
16	6	7
17	7	8
18	8	9
19	9	10
20	10	
21	11	
22	12	

- For **Levels 10 to 12**, students will need headphones, as they will listen to the questions. An audio button will appear beside the text for each question and students will select the button to hear the text. For Levels 10 to 12, headphones have been provided.  
**Note: The volume level on a student's device will have to be adjusted before the student signs in to a testing session. There is no way to adjust the volume level once a student has signed in to a session.**
- Please provide students with paper and a pencil/pen for working out problems.
- For **Levels 13 to 22**, students are allowed to use a calculator. A calculator tool is provided in the student interface, and an instructions video showing students how to use the calculator is launched at the beginning of the subtest. **Students should also have access to whatever type of hand-held calculator they would normally use when doing Math problems.**

- An instructions video is launched as soon as a student begins the Mathematics subtest. **If you anticipate that internet bandwidth limitations may result in video streaming problems for your students, you may want to play the video for the whole class before you ask students to sign in to the testing session.** You can do this by signing in to the session yourself or as one of your students and showing the video using a projector or smartboard. Then, when students begin the test, they can skip over the instructions video.
- When creating a testing session, the Mathematics subtest and the Computation and Estimation subtest should not be included in the same session. Calculators are not allowed for the Computation and Estimation subtest, so you will want to make sure students do not have access to hand-held calculators before you create a session for Computation and Estimation.

For **Levels 14 to 22**, the Mathematics subtest can be administered in one sitting. For **Levels 10 to 13**, however, students should take the subtest in multiple sittings. Please note the length of each sitting for **Levels 10 to 13** in the table below. At the end of a sitting, select 'Pause Session' in the Session Details page of your teacher dashboard. The students will no longer be able to access their screens. Before the next sitting, select 'Resume Session' so that students can access their screens again.

**Note: You should always Pause Session at the end of a sitting and should always Log out Session at the end of the school day so that students cannot sign in to the session outside of the classroom or outside of your scheduled testing time.**

#### Cat5 Mathematics testing times (minutes)

Level	Mathematics	Length of each sitting	Number of sittings
10	60 min	10 min	6
11	60 min	15 min	4
12	60 min	20 min	3
13	60 min	30 min	2
14	60 min	60 min	1
15	60 min	60 min	1
16	60 min	60 min	1
17	60 min	60 min	1
18	60 min	60 min	1
19	60 min	60 min	1
20	60 min	60 min	1
21	60 min	60 min	1
22	60 min	60 min	1