

Exploring the Predicted Grade



Using the Predicted Grade Analysis Tool

Predicted Grades part 1

- IB, using Historical Data, from the past **three** years, will allocate how many 7's, 6's, and 5's you should be giving total in your Subject (per student).
- For example, if in the past four years, 3% of your students got a '7' then this year, 3% of your students will get a '7'.
- IB, when applying percentages to this year, IB will round up on the upper scores in order to give some leeway. (If 3% of your students over the past four years, received a '7', and that equates to 2.4 students for this current year, IB will allow you to round up to 3 students.)
- Doing a Predicted Grade Analysis over the last four years of each subject area can give you an understanding going into your Predicted Grades this year of how many of each score marker you can allot to your students per subject. That way you can begin to think about which of your students should get a '7' and so forth.
- IB will then send coordinators official percent of scores marks (1-7), and one way you can use the Predicted Analysis tool is to see if your analysis matches theirs, and perhaps use it as evidence or support as to why a specific grade allotment is deserved if IB did not allocate it.

Predicted Grades FAQ

- What else can we do with this data?

Furthermore, your analysis, will also show you, how accurate you have been at predicted grades for your students over the past four years. If you have a '0' that means that you have predicted that grade accurately. If you have a "1" that means you predicted that grade at 1 mark lower than you should have. If you have a "-1" that means you have predicted that grade at 1 mark higher than you should have. And so forth, but when you get to 2 or more away from the actual awarded grade and this happens frequently, then there is an issue with your accuracy. This is extremely important for the self-study.

- What happens if I was not the subject teacher for the whole period of predicted grade analysis review?

IB still wants you to learn from previous predicted grades, both from a professional development accuracy standpoint, as well as for the May 2021 cohort of predicted grades you will award.

- What if my subject has small number of students taking the exam, or a small amount of historical data (ie only one or two years) and therefore, my data analysis isn't matching up to this current year cohort?

IB will deal with those situations individually, but may give the teachers more leeway in not following the Grade Percentage provided by IB.

- What if previous year predicted grade analysis truly doesn't reflect the exceptional or unexceptional level of this cohort's achievement in my subject?

There will be an opportunity to challenge the grade allocations.

- What about Math since it is a new course?

They are using the old data with significant accommodations and leeway to the grade allocations.

Requirements
for Predicted
Grades in the
May 2021
session
*updated
today!

- PG's are teacher's estimation of the grade a candidate is expected to achieve in a subject and should be based on:
 1. all the evidence of the candidate's work
 2. the teacher's knowledge of IB standards
 3. For non-exam route, the PG should reflect their overall understanding and likely performance in the subject as a whole, not just coursework task(s).



Predicted Grade Descriptors per subject

- This document is a compilation of descriptions of each grade for each group of subjects in the IB Diploma Program.
- Use this document, in conjunction with IAs and Coursework Tasks, as well as the Predicted Grade Analysis tool to determine student PGs in each subject.
- IB Grade Descriptors



IBIS PG Function

- **A new function has been developed on IBIS for the submission of predicted grades for May 2021.** These new predicted grade screens will provide you with your predicted grade distribution for each subject and will be **available on IBIS from 2pm (GMT) on 28 February 2021.** In order to support you and your educators in completing this process we have developed a How to guide (*Requirements for Predicted Grades in the May and November 2021 examination sessions*).
- **To access it: Subject → IAPG → Mark Entry → Predicted grade entry (coordinators only)**

What it will look like . . .

- The screen will display all subjects where PGs are required (for teachers, it will only show those subjects that the specific teacher is responsible for), along with the Number candidates registered, and an **Action** column.

Once the **Enter** button is clicked (under the **Action** column), the new screen will appear as follows:

The screenshot shows a web application interface for 'Predicted grade entry'. The top header indicates the subject is 'PHYSICS SL ENGLISH' and there are 17 total candidates. The interface is divided into two main sections. The upper section is a table with three columns: 'Predicted grade', 'Distribution available', and 'Candidates predicted'. The 'Predicted grade' column lists grades from 7 down to 0. The 'Distribution available' column shows the number of candidates available for each grade, and the 'Candidates predicted' column shows the number of candidates predicted for each grade. The lower section is a form for entering predicted grades for individual candidates. It has three columns: 'Candidates', 'Actions', and 'Candidates predicted'. The 'Candidates' column lists 17 candidates with their IDs and names. The 'Actions' column contains an 'Add candidate' button and a dropdown menu with grades 7, 6, 5, 4, 3, 2, 1, and 0. The 'Candidates predicted' column shows the predicted grade for each candidate, with some grades already entered in red text: Grade - 7, Grade - 6, Grade - 5, Grade - 4, Grade - 3, Grade - 2, Grade - 1, and Grade - 0. A 'Cancel' button is in the bottom left and a 'Save grade' button is in the bottom right.

Predicted grade	Distribution available	Candidates predicted
7	0	0
6	1	0
5	2	0
4	3	0
3	6	0
2	3	0
1	0	0
0	0	0

Candidates	Actions	Candidates predicted
0001 - Candidate Name 1	<input type="button" value="Add candidate +"/> <input type="text" value="7"/> <input type="button" value="Enter - Predict grade"/>	Grade - 7
0002 - Candidate Name 2		Grade - 6
0003 - Candidate Name 3		Grade - 5
0004 - Candidate Name 4		Grade - 4
0005 - Candidate Name 5		Grade - 3
0006 - Candidate Name 6		Grade - 2
0007 - Candidate Name 7		Grade - 1
0008 - Candidate Name 8		Grade - 0
0009 - Candidate Name 9		
0010 - Candidate Name 10		
0011 - Candidate Name 11		
0012 - Candidate Name 12		
0013 - Candidate Name 13		
0014 - Candidate Name 14		
0015 - Candidate Name 15		
0016 - Candidate Name 16		
0017 - Candidate Name 17		

- Predicted Grade – the subject grade, between grade 1 and 7 (or F), or A-E (or F) for TOK and EE.
- Distribution available – the number of candidates that *can be* allocated a particular grade.
- Candidates predicted – the number of candidates that *have been* allocated a particular grade.

The tool will have the following headings

How to allocate PGs

- Select the relevant candidate(s) on the left-hand side of the screen (use the control key to select multiple candidates)

The screenshot shows a software interface for allocating predicted grades (PGs) to candidates. The interface is divided into several sections:

- Top Section:** A table with three columns: "Predicted grade", "Distribution available", and "Candidates predicted". The "Predicted grade" column lists grades from 7 down to F. The "Distribution available" column shows the number of candidates available for each grade. The "Candidates predicted" column shows the number of candidates predicted for each grade.
- Bottom Section:** A table with four columns: "Candidates", "Actions", "Grades", and "Candidates predicted". The "Candidates" column lists candidates from 0001 to 0010. The "Actions" column contains an "Add candidate" button and a dropdown menu with grades G, E, D, C, B, A, and F. The "Grades" column shows the predicted grade for each candidate, such as "Grade - D" for candidate 0001. The "Candidates predicted" column is currently empty.

Buttons for "Cancel" and "Update grades" are visible at the bottom left and right corners, respectively.

- Select the required PG from the **Actions** column.

How to allocate PGs

- Press **Add candidate**. The candidate(s) will move from the left-hand side and appear under the allocated PG on the right-hand side.

Predicted grade entry
Subject: PHYSICS SL ENGLISH Total candidates: 17

Predicted grade	Distribution available	Candidates predicted
7	0	0
6	1	0
5	2	0
4	3	0
3	6	0
2	3	0
1	0	0
F	0	0

Candidates	Actions	Candidates predicted
880 - Candidate Name 1 881 - Candidate Name 2 882 - Candidate Name 3 883 - Candidate Name 4 884 - Candidate Name 5 885 - Candidate Name 6 886 - Candidate Name 7 887 - Candidate Name 8 888 - Candidate Name 9 889 - Candidate Name 10 890 - Candidate Name 11	<input type="button" value="Add candidate"/> <input type="button" value="Remove candidate"/>	Grade - F Grade - F

Cancel Update grade

How to allocate PGs

- As candidates are allocated, the table at the top of the page will reflect the changes in real-time.
- Once all PGs are allocated, click **Update grades** in order to submit to the programme coordinator.

The screenshot displays a web interface for 'Predicted grade entry'. At the top, it shows 'Subject: MATHS SL 4702/201' and 'Total candidates: 17'. Below this is a table with three columns: 'Predicted grade', 'Distribution available', and 'Candidates predicted'. The table contains rows for grades A, B, C, D, E, and F, with corresponding counts in the other two columns. Below the table are three panels: 'Candidates' (a list of candidate names), 'Actions' (with buttons for 'Add candidate', 'Remove candidate', and 'Refresh grades'), and 'Candidates predicted' (a list of candidate names grouped by grade: A, B, C, D, E, F). At the bottom right, there are buttons for 'Update grades' and 'Complete grade entry'.

Predicted grade	Distribution available	Candidates predicted
A	0	0
B	1	1
C	1	1
D	2	2
E	3	3
F	4	4
	5	5
	6	6

Candidates predicted

- Grade - A**
 - 9901 - Candidate Name 1
- Grade - B**
 - 9902 - Candidate Name 02
 - 9903 - Candidate Name 03
- Grade - C**
 - 9904 - Candidate Name 04
 - 9905 - Candidate Name 05
 - 9906 - Candidate Name 06
 - 9907 - Candidate Name 07
- Grade - D**
 - 9908 - Candidate Name 08
 - 9909 - Candidate Name 09
 - 9910 - Candidate Name 10
- Grade - E**
 - 9911 - Candidate Name 11
- Grade - F**
 - 9912 - Candidate Name 12

How to allocate PGs

Tip – when the distribution indicates a number of candidates for a certain grade, this should be seen as an upper limit, not a target. It is possible to add these candidates to a lower grade. For example, if there are four PGs available at grade 6 and four available at grade 7, all eight candidates could be allocated to grade 6.

- Progress can be saved using the **Update grades** button on the bottom right. However, once all candidates have been allocated a grade, the **Update grades** button will submit the allocation to the programme coordinator.
- When all candidates are allocated a grade, the programme coordinator (and only the coordinator) can **Complete** (submit) or **Amend** (if any changes are required prior to submission to the IB).



The screenshot shows a web interface titled "Predicted grade entry". At the top, there is an information banner with a date: "The deadline for entering grades is: 20 April 2021 23:59:59 GMT". Below this, there are filter options for "Filter candidates" and "Show" (set to 10). The main section is a table with the following columns: "Group", "Candidate", "Subject", "Number of candidates", and "Action". The table contains 10 rows of data, each representing a candidate's predicted grade for a specific subject. The "Number of candidates" column shows values ranging from 1 to 10. The "Action" column contains buttons for "Update" and "Amend". The "Amend" button for the last row is highlighted with a red box.

Group	Candidate	Subject	Number of candidates	Action
4	8041 2021	8041001 00 0 0000000	10	Update
4	8041 2021	8041001 00 0 0000000	1	Update
4	8041 2021	8041001 00 0 0000000	10	Update
4	8041 2021	8041001 00 0 0000000	1	Update
4	8041 2021	8041001 00 0 0000000	10	Update
4	8041 2021	8041001 00 0 0000000	1	Update
4	8041 2021	8041001 00 0 0000000	1	Update
4	8041 2021	8041001 00 0 0000000	10	Update
4	8041 2021	8041001 00 0 0000000	10	Update
4	8041 2021	8041001 00 0 0000000	10	Update

NOTE: There is no longer a verification stage.

How to allocate PGs

Problem solving

If more candidates are allocated to a grade than the distribution allows, an error message will display. It will then be necessary to correct the allocation, or to follow the “special cases” process as detailed below.

Special cases

Carry forward of grades no longer permitted

It is no longer possible to select carry forward PG when registering retake candidates. Instead a new PG must be allocated on the screen - this could be the grade that would have been carried forward, but if PGs tended to be higher than the grades candidates achieved, a school may need to reflect and allocate a more realistic prediction.

Registering a new candidate after submitting PGs, or withdrawing a candidate after submitting PGs

In this case, the addition (or withdrawal) of a candidate will mean allocations will have changed, and PGs must be resubmitted.

The IB will then reopen the PG submission screen, which will contain the data submitted by the school but may require an adjustment before it can be submitted again.

Challenging the allocation of PGs

There are two situations where this could occur.

Special Cases for PGs

The first situation is if the school believes it is appropriate for a limited number of exceptional candidates in their school to receive higher PGs than is the norm for the school. In this situation, schools are required to:

- a. Email predictedgrades@ibo.org using the title “Allocation of PGs – exceptional candidate”.
- b. The IB will review the case and the programme coordinator will be contacted with details around what supporting evidence is required.
- c. The IB will confirm if the request has been accepted or rejected. If accepted, the distribution will be amended, in order for the PG to be entered for these candidates.

Note that due to the generous nature of the historical allocation, if schools occasionally have an exceptional candidate this is likely to be reflected in the allocation and so no additional action is required.

Special Cases for PGs

The second situation is if the school believes that one or more historical years was exceptional and should not be included in the calculation of the PG distribution. In this situation:

- a. Before a start is made to allocate grades, the programme coordinator should email predictedgrades@ibo.org using the title "Allocation of PGs – historical data" and including brief details regarding the issue.
- b. The programme coordinator will be contacted with details around what supporting evidence is required.
- c. The IB will review the case and if successful will recalculate the allocation and update IBIS.
- d. The PGs can then be entered using the standard process for this year.

Essential contacts

Requirement	Contact	Method
Emergency contact	IB Answers	UK: +44 29 2054 7740 Singapore: +65 6579 5055 US: +1 301 202 3025
General inquiries	IB Answers	support@ibo.org
Predicted grades	Predicted grades team	predictedgrades@ibo.org
Adverse circumstances	Adverse circumstances team	Via appropriate Contact us link on IBIS
Access and inclusion	Access and inclusion team	Via appropriate Contact us link on IBIS
Academic misconduct	Academic misconduct team	Via appropriate Contact us link on IBIS

One Page Info Sheet for Parents, Students, and Teachers about the PG Process



Predicted grades for the May 2021 examination session

What

A predicted grade is a teacher's estimation of the grade a student is likely to achieve in a subject. For May 2021, the IB is strengthening the processes around the allocation of predicted grades.

In a standard examination session predicted grades are used as part of the considerations when we set grade boundaries. Within schools, they can help manage expectations of what students are likely to achieve, which is useful for planning next steps such as university entry. For May 2021 predicted grades will form a key part of how we award grades for students who cannot sit examinations. It is therefore important that predicted grades are as accurate as possible.

This year, the IB will provide each school with a customised distribution of predicted grades for their students, based on previous actual performance at the school. Schools will be asked to use this distribution to guide their teacher submitted predicted grades.

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Why

The changes to the processes around predicted grades for May 2021 are intended to help make sure that predicted grades are as accurate and realistic as possible.

Based on our analysis and reflection, we believe that a combination of coursework and predicted grades is the best indicator of students' holistic performance if examinations cannot be sat. However, grade prediction accuracy varies across schools and between subjects within a school. We therefore need to work closely with our schools to strengthen the processes around predicted grade accuracy this year.

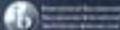
Strengthening predicted grade accuracy for all students, along with having coursework that is externally marked, will help us to ensure comparability between students who are taking examinations and those on the non-examination route. It will also allow us to support schools and students more effectively. For example, if students become unable to sit examinations due to school closure, government restrictions or mandated quarantine, the IB will be able to work with schools to ensure that these students have the option to move to a non-examination route.

How

All schools will be provided with a customised distribution of predicted grades for their students.

The IB will provide each school with a customised distribution of predicted grades based on previous actual performance at the school.

Schools will use this distribution to guide their teacher submitted predicted grades. We have created an exception process so that schools can ask the IB to review the distributions provided for their students, for example due to a significant change to school context or that they have one or more exceptional students this year.



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So, What Do I Need to Do? Part 3

The screenshot displays an Excel spreadsheet with a data table. The table has columns labeled J through Y. The data rows are as follows:

	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X	Y
DIPLOMA	5	5	65		5	5	0									
DIPLOMA	6	5	66		5	6	-1									
DIPLOMA	5	5	67		5	5	0									
DIPLOMA	5	5	67		5	5	0									
DIPLOMA	4	5	67		5	4	1									
DIPLOMA	4	5	62		5	4	1									
DIPLOMA	5	5	64		5	5	0									
DIPLOMA	5	5	59		5	5	0									
DIPLOMA	5	5	62		5	5	0									
DIPLOMA	4	5	62		5	4	1									
DIPLOMA	4	5	62		5	4	1									
DIPLOMA	5	5	60		5	5	0									
DIPLOMA	3	5	62		5	3	2									
DIPLOMA	3	4	47		4	3	1									
DIPLOMA	5	4	51		4	5	-1									
DIPLOMA	4	4	50		4	4	0									
DIPLOMA	4	4	55		4	4	0									
DIPLOMA	4	4	55		4	4	0									
DIPLOMA	4	4	51		4	4	0									
DIPLOMA	3	4	44		4	3	1									
DIPLOMA	4	4	51		4	4	0									
DIPLOMA	3	3	39		3	3	0									
DIPLOMA	4	3	42		3	4	-1									
DIPLOMA	5	5			5	5	0									

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Questions ?



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