



# dugga

digital assessment solutions

Microsoft  
Partner



2020 Partner of the Year Winner  
Education Award

[dugga.com](https://dugga.com)

No one's grade should be based on  
one's gender, last name, skin colour or  
in-class behaviour

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**No one with a special need should have  
less opportunities to learn & grow**

**“We believe that we can dramatically improve quality in learning by transforming knowledge assessment”**

Dr. Claudia Rademaker & Dr. Patrik Nilsson  
Founders of Dugga



# Problems with traditional knowledge assessment

## UNEQUAL OPPORTUNITIES

**1 out of 5**

students have some form of special need. Teachers tend to be biased when marking & grading. Schools don't have the right tools.

## TIME CONSUMING

**70%**

of a teacher's time is spent on creating, conducting and administering exams & tests

## TEDIOUS

**96%**

of teachers find assessment the worst part of their job

## UNNECESSARY STRESS

**Limitations**

Current ways create unnecessary stress during exams.  
Limitations – focus NOT on learning

There are thousands of educational apps that are good to have, nice to have or fun to have

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**Dugga** is an essential part of core education

# The total solution for exams, tests, quizzes & assignments



full learning assessment landscape



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**schools | colleges | universities | corporate training**

**create. schedule. auto-grade.**

- Saves teachers' time - up to 95%
- Secure - full lockdown of students' computers
- Accessibility tools - for students with special needs
- For daily use: remote or in-class

**for all levels and subjects.**

# Solving the lack of teachers + equal opportunities

Auto-  
grading

Less  
stress



5 hrs  
week/  
teacher  
saved

More  
time for  
students



Fast on-  
boarding

In-built  
Accessibility  
tools for  
students  
with special  
needs

*“The biggest benefit we see with Dugga as a digital system, is all the time that each teacher saves while grading. We did a calculation with all high-school teachers in our municipality (4 000 students & 700 teachers) and found that **each teacher saves about 5 hours a week which amounts to 130 000 hours saved per year.** This is time that can be spent on students.*”

*Another benefit of Dugga is that it is so user-friendly; any teacher can manage it after a quick 60 minute introduction.”*

**Lars Ulvemo** – IT-Pedagogue & Teacher,  
Jönköping municipality

## EDITING

Dugga Final Exam

📄 Copy exam

## QUESTIONS

No questions added

👁 Preview exam

+ Add question

+ Add information

📁 Choose from archive

## EXAMINATION DATES

No examination dates added

📅 Add Examination date

## Add question

Essay

MCQ

Correct answer

Glossary

Math

Match

Click text

Right place

Order

Mark

Fill Gap

Gap menu

True/False

GeoGebra

Math A

Chemistry

Assignment

## Question



Type something

## Points\*

## Answer limitation\*

## Spellcheck\*

 Allow the student to add a figure

Save and continue editing

Save and add new question

## Teacher view

- Intuitive interface
- Create digital lessons, exams and assignments with text, audio, video, links and more
- Grade automatically or manually + tools



# Maths

## Dugga translates pen-to-text with AI

**EDITING**  
Advanced math exam

Copy exam

---

**QUESTIONS**  
No questions added

Preview exam

Add question

Add information

Choose from archive

---

**EXAMINATION DATES**  
No examination dates added

Add Examination date

**Add question**

Essay MCQ Correct answer Glossary Math Match

Click text Right place Order Mark Fill Gap Gap menu

True/False GeoGebra **Math A** Assignment

Math Advanced question

Paragraph B I Paragraph

Here follows a classic mathematical law, which is it?

MathType

$$F_1 = F_2 = G \frac{m_1 \times m_2}{r^2}$$

Points\*

OK Cancel



**EDITING**  
Advanced math exam

Copy exam

---

**QUESTIONS**  
No questions added

Preview exam

Add question

Add information

Choose from archive

---

**EXAMINATION DATES**  
No examination dates added

Add Examination date

**Add question**

Essay MCQ Correct answer Glossary Math Match

Click text Right place Order Mark Fill Gap Gap menu

True/False GeoGebra **Math A** Assignment

Math Advanced question

Paragraph B I Paragraph

Here follows a classic mathematical law, which is it?

$$F_1 = F_2 = G \frac{m_1 \times m_2}{r^2}$$

Points\*

Save and continue editing Save and add new question

# Chemistry – use the periodic system

## EDITING

Advanced math exam

Copy exam

## QUESTIONS

1. Here follows a classic mathem...

Preview exam

Add question

Add information

Choose from archive

## EXAMINATION DATES

No examination dates added

Add Examination date

- Essay
- MCQ
- Correct answer
- Glossary
- Math
- Match
- Click text
- Right place
- Order
- Mark
- Fill Gap
- Gap menu
- True/False
- GeoGebra
- Math A

### Math Advanced question

Rich text editor toolbar with options: Paragraph, Bold (B), Italic (I), Text color, Bulleted list, Numbered list, Indent, Outdent, Table, Link, Unlink, Undo, Redo.

Which are the following chemical elements?

ChemType periodic table interface. The periodic table is displayed with elements color-coded by groups. The interface includes a toolbar with various chemical symbols and mathematical operators.

H																	He	
Li	Be											B	C	N	O	F	Ne	
Na	Mg											Al	Si	P	S	Cl	Ar	
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr	
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe	
Cs	Ba		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn	
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	Fl	Mc	Lv	Ts	Og	
		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu		
		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr		

# Maths - use graphic visualization

Kopiera prov

FRÅGOR

- Engelska (ex...
- A Multicultu...
- One Word Gap...
- "To be or no...
- Bits of News...
1. Lucky pet...
2. Noisy Dev...
- Mark the ver...

Essä Flerval Korrekt svar Begrepp Matematik Matcha

Klicka text Rätt plats Ordna Markera Lucktext Luckmeny

Sant/Falskt GeoGebra

Fråga

B I A-  $\int$   $\pi$   $\Omega$   $\infty$   $\oplus$

Lös ekvationerna grafiskt

a)  $4 - 2x = 0$

b)  $4 - 2x = 1$

Poäng\*

2

Rättstavning\*

Ingen rättstavning

+

Spara och fortsätt redigera Spara och skapa en ny fråga

PROVTILLFÄLLEN

Inga provtillfällen tillagda

Teacher

21 (2,0 p)

Lös ekvationerna grafiskt

a)  $4 - 2x = 0$

b)  $4 - 2x = 1$

Svar

a) Svar: X = 2 enligt grafen

$f : y = 4 - 2x$

123 f(x) ABC  $\alpha\beta\gamma$

x y z  $\pi$  7 8 9  $\times$  +

$\square^2$   $\square^{**}$   $\sqrt{\square}$  e 4 5 6 + -

Student

Sluggo Andersson

Tid kvar

0 dagar, 0 timmar, 18 minuter

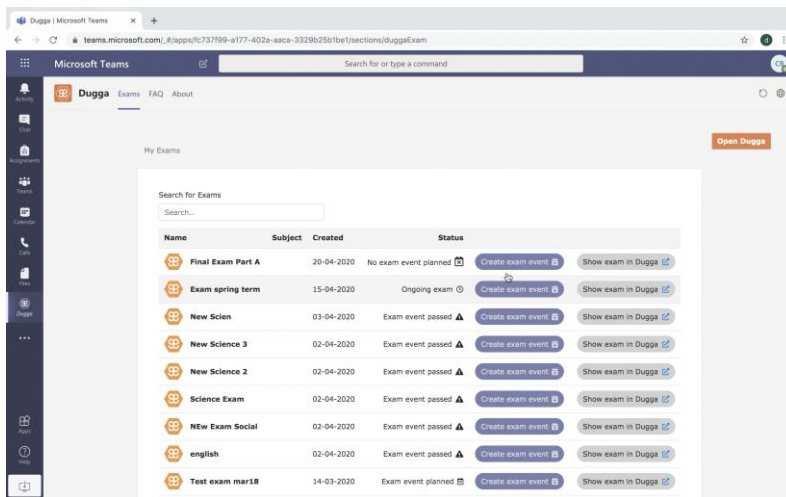
Snabbnavigering

- Engelska (exemp...
- 1. A Multicultural...
- 2. One Word GapsIn...
- 3. "To be or not t...
- Bits of NewsRea...
- 4. 1. Lucky petJer...
- 5. 2. Noisy Device...
- 6. Mark the verbsL...
- Naturkunskap(ex...
- 7. Para ihop rätt ...
- 8. pH är ett mått ...
- 9. A-poängsfråga:Ö...
- Svenska(exempel...
- 10. 1. I vilken sta...
- 11. 2. Om butiker s...
- 12. 3. Cecilia Lund...
- 13. 4. Författaren ...
- Historia(exempe...
- 14. Tre relevanta a...
- 15. Ordna händelser...
- Idrott och Häls...
- 16. Placera ut rätt...
- 17. Besvara följand...
- Matematik(exemp...
- 18. När det blåser ...
- 19. Besvara dessa f...
- 20. Ordna följande ...
- 21. Lös ekvationern...
- Obesvarad
- Besvarad

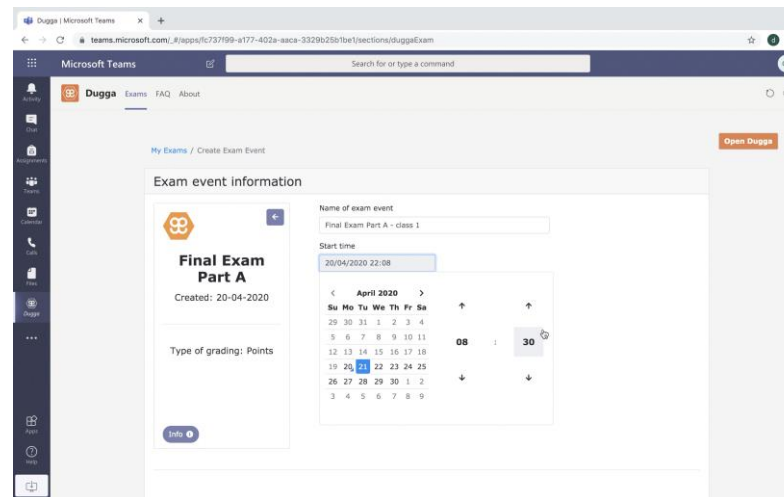
dugga



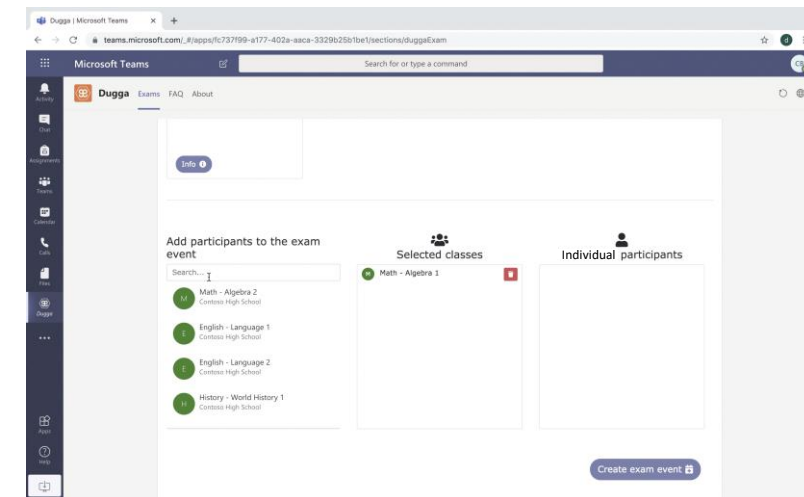
# Dugga's Microsoft Teams app



1. Select exam



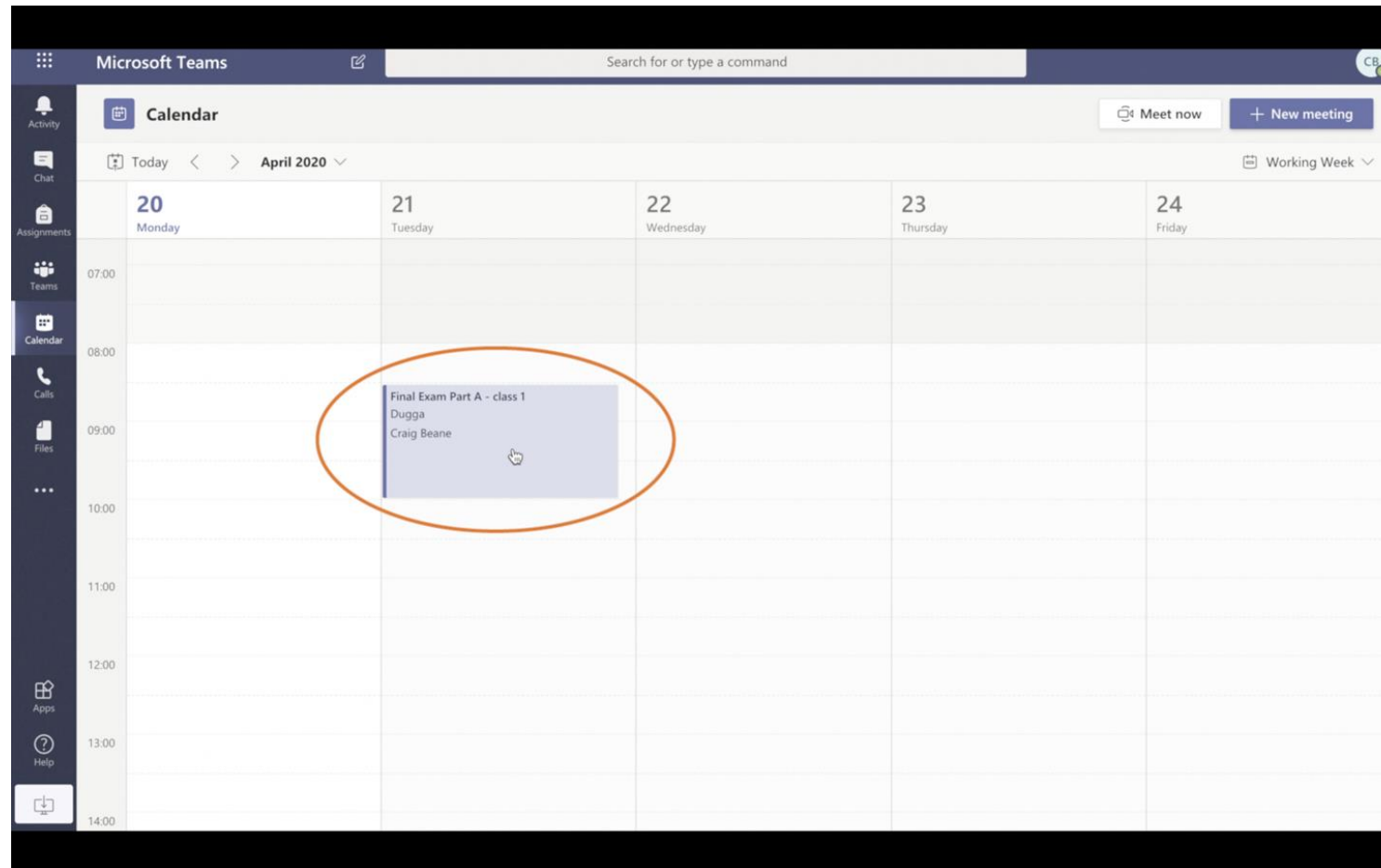
2. Schedule



3. Select class or individuals



The **student** starts the exam in the Teams calendar



# Student view

dugga Upcoming exams Security Logout

## Final Exam Gen 2020

Listen

This exam has 15 questions. Please write the answers in English where applicable. Elaborate on your answers. Good Luck!

**Place:**  
Aula Andromeda - Remote

**Allowed resources:**

1. Calculator
2. Dictionary

**Examiner:**  
Patrik Nilsson, PhD

**Time**  
Tuesday, 12 May 2020, 00:49 – Wednesday, 30 December 2020, 23:49

### Sluggo Andersson

**Time Left**  
205 days, 10 hours, 41 minutes

**Quick Navigation**

- 1. The solar system is th...
- 2. Kim bought a used car...
- 3. Solve the equations g...
- 4. Match the right subjec...
- 5. Place the muscle gro...
- 6. On the basis of the las...
- 7. Complete the sentenc...
- Next Section:
- 8. English Grammar: Th...
- 9. The first President of...
- 10. Mark the verbs in this s...
- 11. It can be good to be ab...
- 12. Tooth brushing is imp...

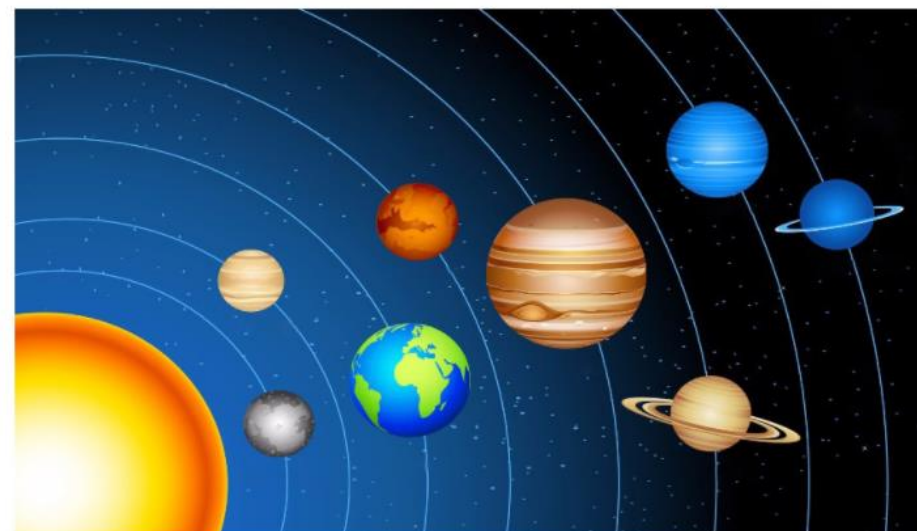
1

(10.0 p)

The **solar system** is the common name for our planetary system in which the sun, earth and the moon are well known components. Our solar system formed some 4,6 billion years ago and originates from a large cloud of gas- and dust also known as a **solar nebula**. Gravity collapsed the material in on itself as it began to spin, forming the **sun** in the center of the nebula. With the rise of the **sun**, the remaining material began to clump together.

**Place the 8 planets of the solar system in the image below.**

Click on the name of a planet and then place it where it belongs.



- A** Uranus   **B** Tellus   **C** Neptune   **D** Mars   **E** Mercury   **F** Jupiter  
**G** Venus   **H** Saturn

# Get ready with Dugga for the new learning era



## **School closures speeded up schools' digital infrastructure**

Dugga is integrated with MS O365/Teams. Together with Microsoft we offer a winning solution for digital learning & assessment. Schools do not want to go back to traditional ways of assessment which is too limited and not equal.



## **Increasing acceleration and scale by which portable computing devices are being rolled out**

The use of technology in schools worldwide continues to grow fast. Nationwide school closures enhance the investments in digital devices and will continue to be the new norm.



## **Long-term behavioural changes in a growing market**

Remote learning has pushed the shift from paper and pen to digital solutions for learning, collaboration and assessment. Schools worldwide discover all the benefits with Dugga which continues in the new learning era.



**Schools need to ensure inclusive, fair and equal quality education which is part of the UN's Sustainable Development Goals**





## Dugga Team

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We are passionate about **improving quality & equality in learning assessment**

Our Team's motto: **Everyday-learning!**



Get your school license today!

[dugga.com](http://dugga.com)



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