


SOLUTIONS ELEMENTARY 1
UNIT 2: SCHOOL DAYS
2A

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**WHAT DO YOU
ALWAYS DO ON
YOUR SCHOOL
DAYS?**



1 **VOCABULARY** Work in pairs. Match the daily routine phrases with photos (A–H).

Daily routine arrive at school get dressed go to bed have breakfast
have dinner have lunch leave school wake up



**WHAT DO YOU
USUALLY DO AT
10:00?**



**WHAT DO YOU
USUALLY DO AT
11:15?**



**WHAT DO YOU
USUALLY DO AT
13:07?**



**WHAT DO YOU
USUALLY DO AT
15:30?**



**WHAT DO YOU
USUALLY DO AT
16:30?**



**WHAT DO YOU
USUALLY DO AT
18:45?**



**WHAT DO YOU
USUALLY DO AT
21:55?**

2 Write the phrases in the order you do them on a normal school day.

1 wake up, 2...

LEARN THIS! Times



10.00 = ten o'clock

8.15 = quarter past eight

11.20 = twenty past eleven

12.00 = midday

6.30 = half past six

4.45 = quarter to five

2.55 = five to three

00.00 = midnight

3 Read the **Learn this!** box. Then say these times.

a 8.45

b 5.15


c 11.00

d 4.25

e 10.55

f 00.15

quarter to nine

4  1.25 Listen to Sofia talking about her daily routine. At what time does she do these things?

1 get up 7.20

2 have breakfast _____

3 arrive at school _____

4 have lunch _____

5 leave school _____

6 have dinner _____

7 go to bed _____

WHICH ONE IS CORRECT?

1. Does she play basketball?
2. Does she plays basketball?

RECYCLE! *do or does*

Remember, we use *do* or *does* to form questions in the present simple. We put it before the subject (*she, he, you, etc.*). We use the infinitive without *to*.

Do you have lunch at school?

When does she wake up?

5 **SPEAKING** Work in pairs. Read the **Recycle!** box. Then check your answers to exercise 4 by asking about Sofia's routine.

What time does she get up?

She gets up at ...

6 SPEAKING In pairs, ask and answer questions about your own daily routines. Choose three days of the week from the list (including at least one weekend day).

Days of the week Monday Tuesday Wednesday
Thursday Friday Saturday Sunday

What time do you get up on Saturday?

I get up at ...



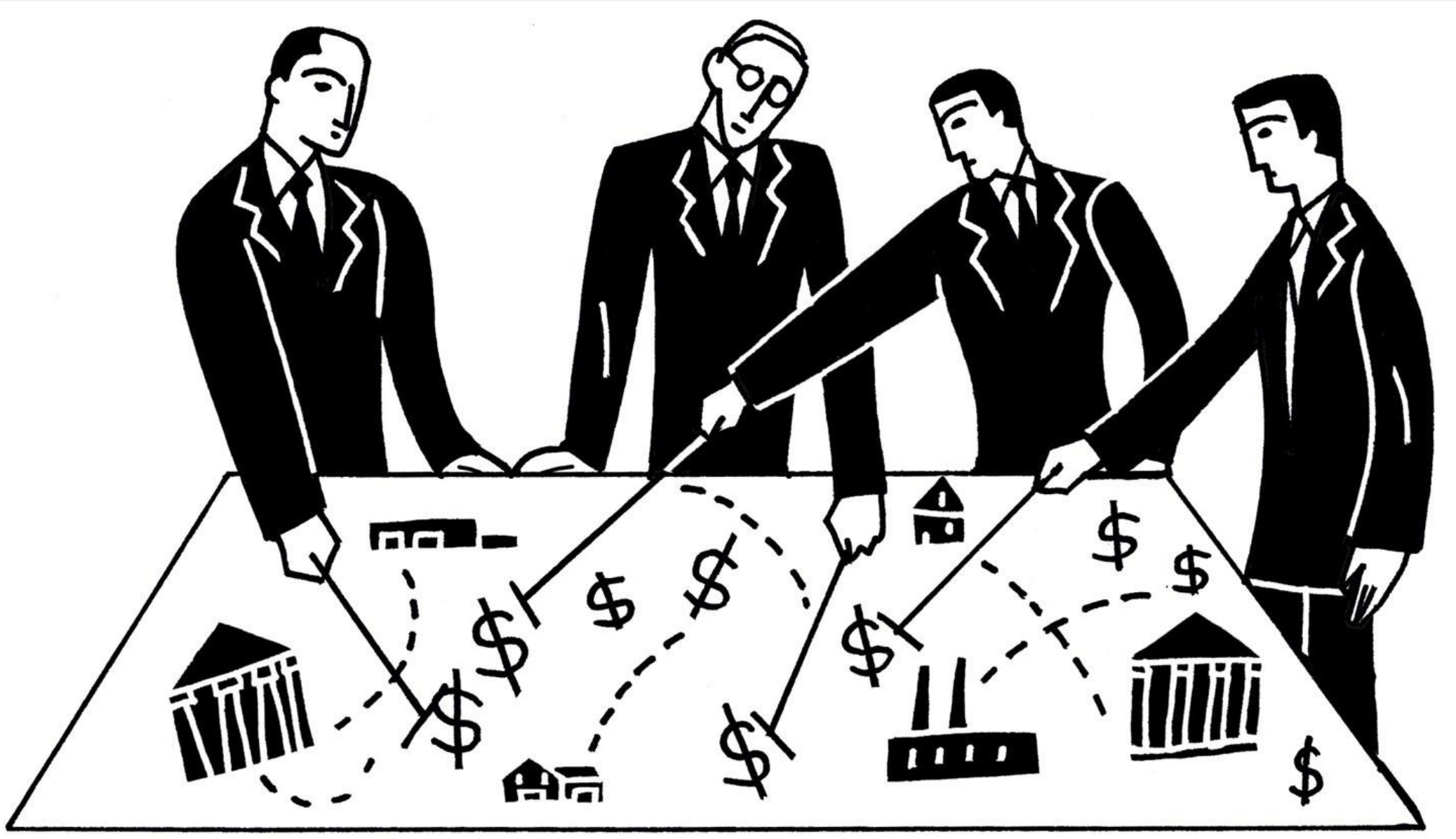
ARTS AND DESIGN



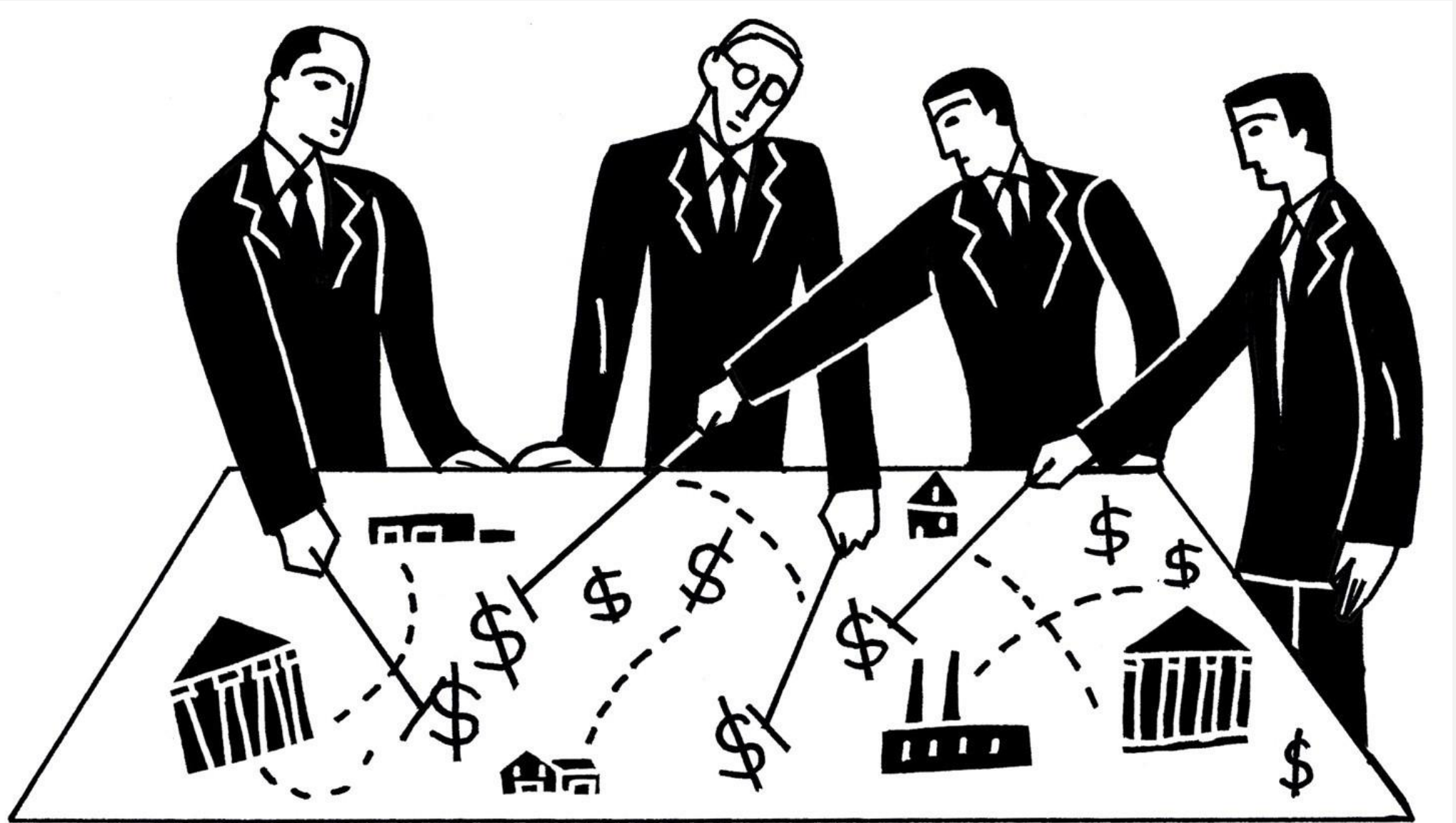


BIOLOGY





ECONOMICS



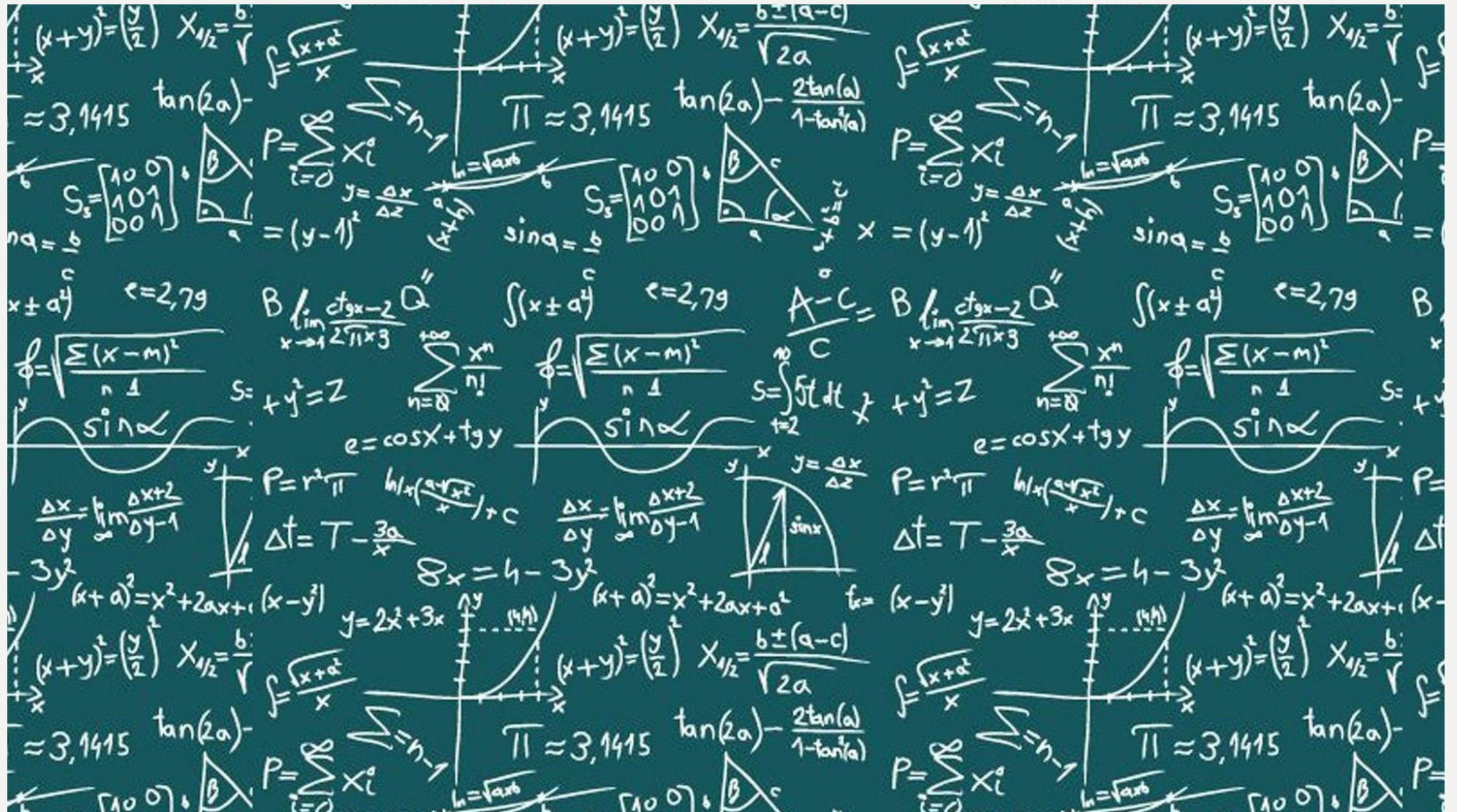


CHEMISTRY



$(x+y)^2 = \left(\frac{y}{2}\right)^2 \quad X_{1/2} = \frac{b}{\sqrt{2a}}$
 $\approx 3,1415 \tan(2a) - \frac{2 \tan(a)}{1 - \tan^2(a)}$
 $P = \sum_{i=0}^{\infty} X_i^c$
 $S_s = \begin{bmatrix} 1 & 0 & 0 \\ 1 & 0 & 1 \\ 0 & 0 & 1 \end{bmatrix}$
 $\sin a = \frac{b}{c}$
 $\pi \approx 3,1415$
 $\int \frac{\sqrt{x+a^2}}{x}$
 $\sum_{n=0}^{\infty} \frac{x^n}{n!}$
 $\phi = \sqrt{\frac{\sum (x-m)^2}{n}}$
 $S = \int \int t dt$
 $e = \cos x + \sin y$
 $\Delta t = T - \frac{3a}{x}$
 $\delta x = 4 - 3y^2$
 $(x+a)^2 = x^2 + 2ax + a^2$
 $y = 2x^2 + 3x$
 $(x+y)^2 = \left(\frac{y}{2}\right)^2 \quad X_{1/2} = \frac{b}{\sqrt{2a}}$
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 $e = \cos x + \sin y$
 $\Delta t = T - \frac{3a}{x}$
 $\delta x = 4 - 3y^2$
 $(x+a)^2 = x^2 + 2ax + a^2$
 $y = 2x^2 + 3x$

MATHS





GEOGRAPHY





HISTORY





ICT



$F = \frac{q_1 q_2}{4\pi\epsilon_0 r^2}$ $\Phi = \int \beta \cos \alpha ds$ $f = \frac{v}{\lambda}$ $W_n = \frac{h^2 k^2}{2m}$ $C_n = \frac{h^2}{2m} R$ $1 = \frac{1}{\mu} \cos \alpha$ $M = 12$ $I = \frac{U}{R}$ $\langle D \rangle = \frac{\Delta x - \Delta y}{\lambda_2 - \lambda_1}$ $\vec{a} = \vec{a}_n + \vec{a}_t$ $\langle v \rangle = \frac{\Delta S}{\Delta t}$ $\Delta S = S_2 - S_1$ $v = \frac{\Delta S}{\Delta t}$

$\vec{E} = \sum_{i=1}^N \vec{E}_i$ $\Phi(x)$ $\frac{1}{\lambda} = R z^2 \left(\frac{1}{m^2} - \frac{1}{n^2} \right)$ $h = 6,63 \cdot 10^{-34} \text{ Дж} \cdot \text{с}$ $R = \frac{1}{\Delta L} \cdot \text{см}$ $A = A_0 e^{-\mu x}$ $A = \rho(V_2 - V_1)$ $A = \frac{2\pi r h \nu}{c}$ $Q = \Delta U + A$

$\vec{E} = \sum_{i=1}^N \vec{E}_i$ $\rho = mg$ $C = \frac{\epsilon_0 \epsilon S}{d}$ $T_0 = 2\pi \sqrt{\frac{m}{k}}$ $\chi = h \frac{A(t)}{A(t-T)}$ $v_k = \frac{A}{h}$ $c = \frac{2\pi c}{\lambda}$ $c = c \cdot \mu$ $S_2 - S_1 = \frac{h \nu}{\lambda}$

$R = \sigma T^4$ $T = \frac{2\pi}{\omega}$ $x = \rho T$ $\Psi_n = \sqrt{\frac{2}{l}} \sin \frac{n\pi x}{l}$ $\omega = \sqrt{\omega_0^2 - \beta^2}$ $h\nu = A + \frac{m v_{n,0}^2}{2}$ $\Delta m > 0$ $\Delta m < 0$ $C = c \cdot \mu$

$x = A \cos(\omega t + \alpha)$ $\omega = 2\pi\nu$ $\Phi = \beta S \cos \alpha$ $E = mc^2$ $m_0 = -$ $\langle \lambda \rangle = (\sqrt{2\pi d^2 n})^{-1}$

$\sigma = 5,67 \cdot 10^{-8} \frac{\text{Вт}}{\text{м}^2 \cdot \text{К}^4}$ $W = |\Psi|^2$ $p = \frac{mv}{\sqrt{1 - \frac{v^2}{c^2}}}$ $E = h\nu = h \frac{c}{\lambda}$

$R = \alpha \sigma T^4$ $x = A_0 e^{-\beta t} \cos(\omega t + \alpha)$ $R = \frac{W}{t \cdot S}$ $\rho = \frac{W}{t \cdot S c} = \frac{1}{c}$ $u = \frac{v}{\sqrt{6}}$

$\lambda_m = \frac{b}{T}$ $b = 2,9 \cdot 10^{-3} \text{ м} \cdot \text{К}$ $\varphi = \arctg \frac{A_1 \sin \alpha_1 + A_2 \sin \alpha_2}{A_1 \cos \alpha_1 + A_2 \cos \alpha_2}$ $\lambda = vT$ $k = \frac{2\pi}{\lambda}$

$\Delta m = m \lambda$, $m = 0, 1, 2, \dots$ $\varphi = \arctg \frac{A_1 \sin \alpha_1 + A_2 \sin \alpha_2}{A_1 \cos \alpha_1 + A_2 \cos \alpha_2}$ $\lambda = vT$ $k = \frac{2\pi}{\lambda}$

$A_p = \frac{f_0}{2\beta \sqrt{\omega_0^2 - \beta^2}}$ $W = \frac{1}{2} n \rho^2 \omega^2$ $\xi = A \cos(\omega t - kx)$ $\rho = \vec{\rho}_1 + \vec{\rho}_2 + \vec{\rho}_3$



$n = F_0$ $\Delta \varphi = \frac{2\pi}{\lambda} \Delta x$ $p = nkT$ $\langle v \rangle = \frac{1}{2} vt$ $E_n = \frac{h^2}{8mL^2} n^2$ $t_0 = \frac{L}{v}$



$\eta = \frac{1}{3} \rho \langle v \rangle \langle \lambda \rangle$ $U = \frac{1}{2} \frac{\rho}{\lambda} vt$ $\frac{\rho v}{T} \cdot \frac{m}{\mu} R = \rho v$ $v = \frac{m}{\mu} \cdot \frac{R}{T}$ $\sigma = en(u_n + u_p)$ $\lambda = \frac{h}{p}$ $\varphi = \frac{W}{Q_0}$


$A = 10\Phi$ $q = \frac{\Delta \Phi}{R}$ $G_2 = \frac{5}{2} \cdot \hbar \omega (n=2)$ $\sigma = en(u_n + u_p)$ $\lambda = \frac{h}{p}$ $\lambda = \frac{h}{p}$ $\varphi = \frac{W}{Q_0}$

$D = \frac{1}{3} \langle v \rangle \langle \lambda \rangle$ $\Delta = L_2 - L_1$ $C = \frac{q}{4\pi\epsilon_0 r^2}$ $\chi = \eta \frac{1}{2} \frac{R}{\mu}$ $\epsilon_3 = -L \frac{dI}{dt}$ $\langle v \rangle = \sqrt{\frac{8KT}{\pi m_0}} = \sqrt{\frac{8RT}{\pi \mu}}$ $A = F \Delta s \cos \alpha$

$G_1 = \frac{3}{2} \cdot \hbar \omega (n=1)$ $G_0 = \frac{1}{2} \cdot \hbar \omega (n=0)$ $R_1 = \frac{35}{8}$ $\frac{r}{ne} = \frac{h}{p}$ $p = p_0 e$ $\Psi = N \Phi$



PHYSICS

$F = \frac{q_1 q_2}{4\pi\epsilon_0 r^2}$ $\Phi = \int \vec{B} \cdot d\vec{s}$ $f = \frac{v}{\lambda}$ $W_n = \frac{h^2 k^2}{2m}$ $C_v = \frac{1}{2} R$ $I = \frac{U}{R}$ $\langle D \rangle = \frac{a_2 - a_1}{\lambda_2 - \lambda_1}$ $\vec{v} = \vec{v}_n + \vec{v}_c$ $\langle v \rangle = \frac{\Delta s}{\Delta t}$ $\Delta s = s_2 - s_1$ $v = \text{const}$

$\vec{E} = \sum_{i=1}^N \vec{E}_i$ $\Phi(x) = \int \vec{B} \cdot d\vec{s}$ $\frac{1}{\lambda} = R Z^2 \left(\frac{1}{m_2} - \frac{1}{n_2} \right)$ $h = 6,63 \cdot 10^{-34} \text{ Дж} \cdot \text{с}$ $A = A_0 e^{-kt}$ $A = p(V_2 - V_1)$ $A = \frac{p \Delta s}{\lambda}$ $Q = \Delta U + A$ $c = \frac{\Delta s}{\Delta t}$ $C = c \cdot \mu$ $s_2 - s_1 = \frac{\Delta s}{v}$


$R = \sigma T^4$ $T = \frac{2\pi}{\omega}$ $x = vt$ $\Psi_n = \sqrt{\frac{2}{l}} \sin \frac{n\pi x}{l}$ $\omega = \sqrt{\omega_0^2 - \beta^2}$ $v_k = \frac{A}{h}$ $h\nu = A + \frac{mv_{\text{max}}^2}{2}$ $\Delta m > 0$ $\Delta m < 0$ $C = c \cdot \mu$

$x = A \cos(\omega t + \alpha)$ $\omega = 2\pi\nu$ $\Phi = BS \cos \alpha$ $E = mc^2$ $m_0 = -$ $\langle \lambda \rangle = (\sqrt{2\pi d^2 n})^{-1}$ $\sigma = 5,67 \cdot 10^{-8} \frac{\text{Вт}}{\text{м}^2 \cdot \text{К}^4}$ $W = |\Psi|^2$ $p = \frac{mv}{\sqrt{1 - \frac{v^2}{c^2}}}$ $E = h\nu = h \frac{c}{\lambda}$ $R = \alpha \sigma T^4$ $x = A_0 e^{-\beta t} \cos(\omega t + \alpha)$ $R = \frac{W}{t \cdot S}$ $\rho = \frac{W}{t S c} = \frac{1}{c}$ $u = \frac{v}{\sqrt{1 - \frac{v^2}{c^2}}}$ $\lambda_m = \frac{b}{T}$ $b = 2,9 \cdot 10^{-3} \text{ м} \cdot \text{К}$ $\beta = \frac{v}{c}$ $\Delta N = N \frac{4}{\sqrt{\pi}} e^{-u^2} \Delta u$ $\varphi = \arctg \frac{A_1 \sin \alpha_1 + A_2 \sin \alpha_2}{A_1 \cos \alpha_1 + A_2 \cos \alpha_2}$ $\lambda = vT$ $k = \frac{2\pi}{\lambda}$ $u = \frac{v}{\sqrt{1 - \frac{v^2}{c^2}}}$ $\Delta m = Z m_p + N m_n - m$ $\langle Z \rangle = \sqrt{2\pi d^2 n \langle v \rangle}$ $\Delta s = m \lambda_s, m = 0, 1, 2, \dots$ $A_p = \frac{f_0}{2\beta \sqrt{\omega_0^2 - \beta^2}}$ $W = \frac{1}{2} m \dot{s}^2$ $\xi = A \cos(\omega t - kx)$ $E_{\text{cell}} = \Delta mc^2$ $\omega = \sqrt{\omega_0^2 - 2\beta^2}$ $n = F_0$ $\Delta \varphi = \frac{2\pi}{\lambda} \Delta x$ $\rho = nkT$ $\langle \omega \rangle = \frac{1}{2} \pi \nu$ $\eta = \frac{1}{3} \rho \langle v \rangle \langle \lambda \rangle$ $U = \frac{1}{2} \frac{m}{\lambda} v^2$ $\frac{dV}{V} = \frac{m}{\mu} R \cdot \frac{dV}{V} + \nu \cdot \frac{m}{\mu} \cdot \frac{dV}{V}$ $\sigma = en(u_n + u_p)$ $\lambda = \frac{h}{p}$ $\varphi = \frac{W}{q_0}$ $A = 1 \Delta \Phi$ $q = \frac{\Delta \Phi}{R}$ $G_2 = \frac{5}{2} \cdot \hbar \omega (n=2)$ $G_1 = \frac{3}{2} \cdot \hbar \omega (n=1)$ $G_0 = \frac{1}{2} \cdot \hbar \omega (n=0)$ $f(v) = 4\pi \left(\frac{2\pi m v}{h} \right)^{1/2} v^2 e^{-\frac{mv^2}{2T}}$ $\Delta u = \frac{\Delta v}{v_e}$ $D = \frac{1}{3} \langle v \rangle \langle \lambda \rangle$ $\Delta = L_2 - L_1$ $C = \frac{q}{4\pi\epsilon_0 r^2}$ $\chi = \eta \frac{1}{2} \frac{R}{\mu}$ $R_1 = \frac{3\hbar}{8} \frac{r}{ne}$ $p = \frac{h}{\lambda}$ $\psi = N \varphi$ $\epsilon_3 = -L \frac{dI}{dt}$ $\langle v \rangle = \sqrt{\frac{8kT}{\pi m_0}} = \sqrt{\frac{8RT}{\pi \mu}}$ $A = F \Delta s \cos \alpha$



R.E.



7  1.26 **VOCABULARY** Match ten of the school subjects with the icons below. Then listen and repeat all the words.

School subjects art and design biology chemistry
economics English French geography German
history I.C.T. (information and communication technology)
maths music P.E. (physical education) physics
R.E. (religious education)



8 SPEAKING In pairs, compare the subjects in exercise 7 with your own school subjects. Answer the questions.

- 1 Which subjects from exercise 7 do you do?
- 2 Do you do any other subjects?


We do English. We don't do economics.

At our school, we also do ...

9 SPEAKING In pairs, compare your opinions of the school subjects in exercise 7.

What do you think
of maths?

I really like it. / It's OK. / I don't
like it. What about you?

- 10  1.27 Listen and complete Tim's timetable for Wednesday, Thursday and Friday. Write the correct school subjects.

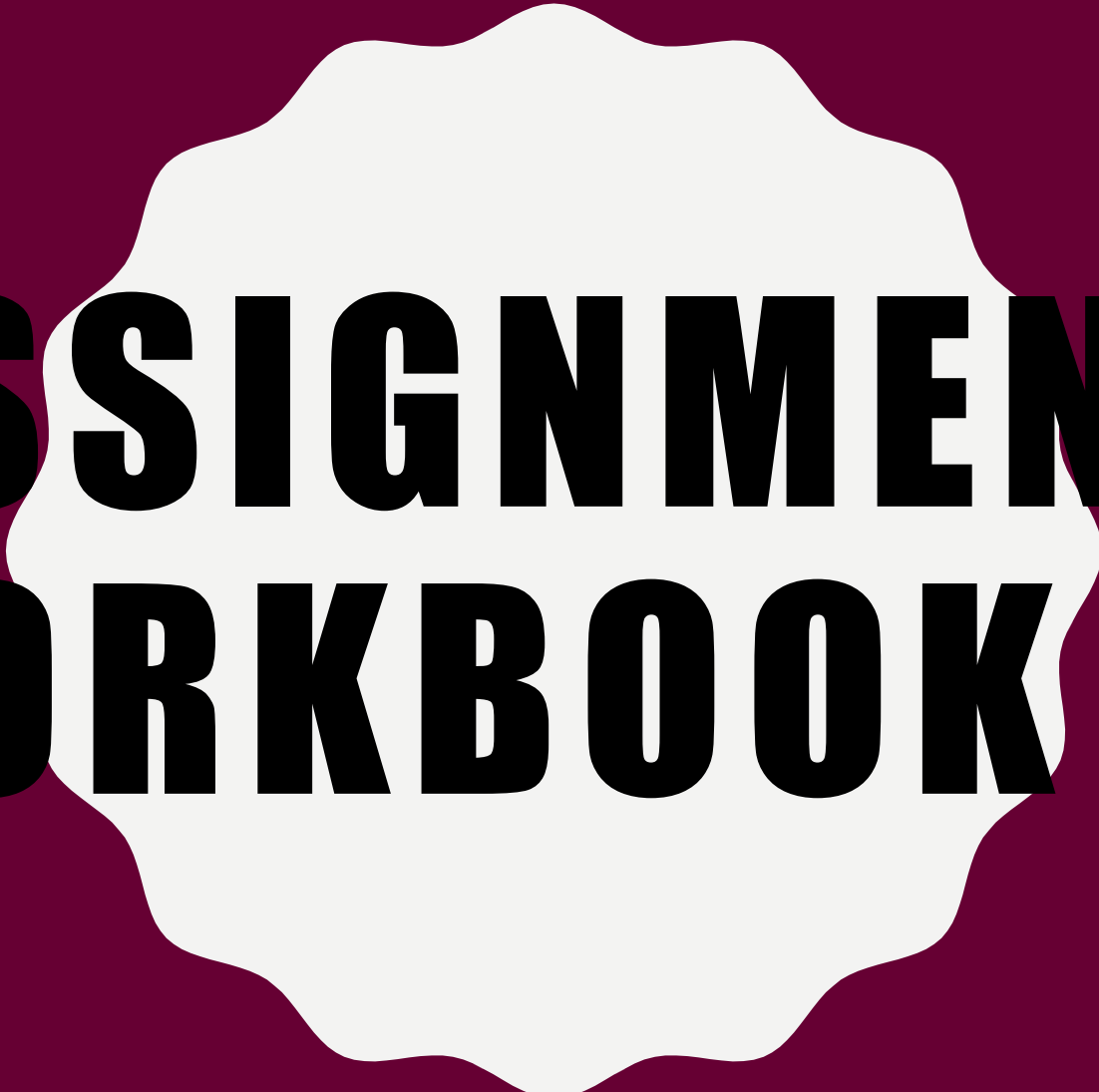
| | Wednesday | Thursday | Friday |
|-------------------------|--------------------|--------------------|--------------------|
| 8.20 | English | ³ _____ | Chemistry |
| 9.05 | ¹ _____ | Maths | ⁵ _____ |
| 9.50–10.30 BREAK | | | |
| 10.30 | Maths | ⁴ _____ | Maths |
| 11.15 | ² _____ | English | History |
| 12.05–1.00 LUNCH | | | |
| 1.00 | Art | P.E. | English |
| 1.50 | R.E. | P.E. | ⁶ _____ |

- 11 SPEAKING** Work in pairs. Student A: Look at the timetable below. Student B: Look at the timetable on page 142. Imagine this is your timetable for Monday and Tuesday. Ask and answer questions about the missing lessons.

| | Monday | Tuesday |
|------------------|-----------|-----------|
| 8.20 | History | |
| 9.05 | | Music |
| 9.50–10.30 BREAK | | |
| 10.30 | Chemistry | |
| 11.15 | | P.E. |
| 12.05–1.00 LUNCH | | |
| 1.00 | Maths | |
| 1.50 | | Economics |

What do we have at five past nine on Monday?

French.



**ASSIGNMENT:
WORKBOOK 2A**

DEADLINE: THURSDAY