Elementary STEM/Student

Nguyễn Quản Bá Hồng*

Ngày 18 tháng 4 năm 2023

Tóm tắt nội dung

A list of my students & those who are no longer. A personal survey on psychological perspective of teaching & learning STEM. The latest version of this text has been stored & downloadable at the following link: GitHub/NQBH/hobby/STEM/student¹.

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 $^{^{1} \}texttt{URL: https://github.com/NQBH/hobby/blob/master/STEM/student/NQBH_elementary_STEM_student.pdf.}$

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Initialization

- NQBH's STEM schedule: GitHub/NQBH/hobby/schedule².
- NQBH's STEM rule: GitHub/NQBH/hobby/STEM/rule³.
 - Pay tuition fee each 10-day period. Reason: Easy to divide by 10 instead of 8-14 if 2-3 days/week.
 - Expel thieves immediately & permanently.
- Convention. := paid. \circ := have not paid yet.
- Reward & Punish Rule.
 - For each 9–9.4: 30000 VND, 9.5–9.9: 40000 VND, 10: 50000 VND; 4–5: −30000 VND, 3–3.9: −40000 VND, 0–2.9: −50000 VND for each subject: elementary mathematics, chemistry, physics, programming, & linguistics/english (if having been taught).
 - Vòng Huyện Toán, Lý, Hóa, Tin, Giải Toán Trên Máy Tính Cầm Tay (MTCT): khuyến khích: 100000 VND, giải 3: 200000 VND, giải 2: 300000 VND, giải 1: 400000 VND.
 - Vòng Tỉnh Toán, Lý, Hóa, Tin, Giải Toán Trên MTCT: khuyến khích: 500000 VND, giải 3: 600000 VND, giải 2: 800000 VND, giải 1: 1000000 VND.
 - Vòng Quốc Gia Toán, Lý, Hóa, Tin, Giải Toán Trên MTCT: khuyến khích: 1200000 VND, giải 3: 1400000 VND, giải 2: 1600000 VND, giải 1: 2000000 VND.

 $\textbf{Remark 1.} \ \textit{This rewards rule is a basic psychological test on endurance, perseverance, \& pedagogical methodology.}$

1 Elementary Mathematics

1.1 Grade 6

1.1.1 2022-2023

Jul 25, 27, 29; Aug 1, 3, 5, 8, 10, 12, 15 • 17, 19, 22, 24, 26, 29; Sep 6, 8, 13, 15 • 20, 22, 27, 29; Oct 4, 6, 11, 13, 18, 20 • 25, 27; Nov 1, 3, 22, 24, 29; Dec 1, 6, 8 • 13, 15, 20, 22, 25, 2022; Jan 3, 5, 10, 12, 31 • Feb 2, 7, 9, 14, 16, 21, 23, 28; Mar 2, 7 • 9, 14, 16, 21, 23, 28, 30; Apr 4, 6, 11 • 13, 18, 20, 25, 27; May 2, 4, 2023.

- 1. NGUYỄN THỊ KIM ANH. [In] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
 - Reward. 50000 VND [Math: midterm II: 10].
- 2. NGUYỄN HÀ NHỰT ANH. [In] Aug 24, 2022. [Re-In] Oct 15, 2022. Feb 21, 2023.
 - Paid tutor fee. Sep, Oct, Nov, Dec 2022; Jan, Feb, 2023.
 - Reward. 40000 VND [Math: midterm II: 9.5].
- 3. Đỗ HOÀNG GIA BẢO. [ln] Sep 22, 2022. [Out] Feb 9, 2023.
 - Paid tutor fee. Sep, Oct, Nov, Dec 2022; Jan, 2023.
- 4. TRẦN GIA BẢO. [In] Jul 25, 2022. [Out] Sep 27, 2022.
 - Paid tutor fee. Aug, Sep, 2022.
- 5. LÊ DUYÊN MINH CHÂU. [In] Jul 25, 2022. [Out] Aug 29, 2022.
 - Paid tutor fee. Aug, 2022.
- 6. NGUYỄN TÂM ĐẮC. [In] Jul 25, 2022. [Out] Jan 2, 2023.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan 2023.
- 7. NGUYỄN HỮU HIẾU. [In] Jul 25, 2022. [Out] Nov 1, 2022.
 - Paid tutor fee. Aug, Sep, Oct, 2022.
- 8. Nguyễn Hoàng Bảo Lam. [In] Jul 25, 2022.
 - Paid by food/noodles discounts.

²URL: https://github.com/NQBH/hobby/blob/master/schedule/NQBH_schedule.pdf.

³URL: https://github.com/NQBH/hobby/blob/master/STEM/rule/NQBH_STEM_rule.pdf.

- Reward. [Math: midterm II: 9].
- 9. TRẦN VĂN PHÁT LỘC. [In] Jan 31, 2023.
 - Paid tutor fee. Feb, Mar, 2023.
- 10. Ngô Nguyễn Phương Nghi. [In] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
 - Reward. 40000 VND [Math: midterm II: 9.5].
- 11. Đỗ NGUYỄN BẢO NGỌC. [In] Sep 27, 2022. [Out] Feb 2, 2023.
 - Paid tutor fee. Oct, Nov, Dec 2022. Unpaid tutor fee. Jan 2023.
- 12. ĐÀM KHÁNH NGỌC. [In] Oct 18, 2022.
 - Paid tutor fee. Nov, Dec 2022; Jan, Feb, 2023.
 - Personality. Introverted.
 - Reward. 110000 VND [Math: midterm I: 9, final term I: 9.5, midterm II: 10].
 - Score. DKN's 1st semester.
- 13. NGUYỄN NHƯ NGỌC. [In] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
 - Personality. Introverted.
 - Reward. 1-euro coin + 100000 VND [Math: midterm I: 9.5, final term I: 9, midterm II: 9.8].
 - Score. NNN's 1st semester.⁴
- 14. NGUYỄN BÌNH NGUYÊN. [In] Jul 25, 2022. [Out] Sep 20, 2022.
 - Paid tutor fee. Aug, 2022.
- 15. LÊ TRỌNG NHÂN. [In] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
- 16. TRẦN NGỌC NHI. [In] Jul 25, 2022. [Out] Dec 6, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.
- 17. NGUYỄN NGỌC THU NHIÊN. [In] Jul 25, 2022. [Out] Sep 20, 2022.
 - Paid tutor fee. Aug, 2022.
- 18. VÕ LÂM QUỲNH NHƯ. [In] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, Mar, 2023.
 - Reward. 80000 VND [Math: midterm I: 9.5, midterm II: 10].
- 19. Đào Minh Hồng Phát. [ln] Jul 25, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, 2023.
- 20. Nguyễn Hữu Phát. [ln] Aug 1, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022; Jan, Feb, 2023.
- 21. NGUYỄN KHÁNH PHƯƠNG. [In] Jan 31, 2023.
 - Paid tutor fee. Feb, Mar, 2023.
- 22. Phan Tấn Quân. [ln] Jul 25, 2022. [Out] Aug 25, 2022.
 - Paid tutor fee. Aug, 2022.
- 23. Trương Khánh Quỳnh. [In] Aug 3, 2022. [Out] Aug 5, 2022.
- 24. NGUYỄN THỊ BẢO THI. [In] Jul 25, 2022. [Out] Dec 8, 2022.
 - Paid tutor fee. Aug, Sep, Oct, Nov, 2022.

 $^{^4}$ The abbreviation of her name should not be confused with No Nut November.

- 25. Phan Nguyễn Anh Thơ. [In] Aug 5, 2022. [Out] Sep 8, 2022.
 - Paid tutor fee. Aug, 2022.
- 26. Đào Ngọc Quế Trân. [ln] Jul 25, 2022. [Out] Feb 5, 2023.
 - Paid tutor fee. Aug, Sep, Oct, Nov, Dec 2022. Unpaid tutor fee. Jan 2023.
 - Personality. Extroverted, noisy, loud, extremely love strong stimulation.
- 27. NGUYỄN NGỌC THÙY TRÂM. [In] Aug 3, 2022. [Out] Sep 8, 2022.
 - Paid tutor fee. Aug, 2022.
- 28. LÊ PHƯƠNG TRINH. [ln] Jul 25, 2022. [Out] Nov 22, 2022.
 - Paid tutor fee. Aug, Sep, 2022.
 - Personality. Self-centric.
- 29. LÊ THANH TRÚC. [In] Aug 26, 2022. [Out]
 - Paid tutor fee. Sep, 2022.
- 30. TRẦN NGỌC CẨM TÚ. [In] Sep 27, 2022. [Out, Expelled Permanently]: Nov 24, 2022.
 - Paid tutor fee. Oct, 2022.
- 31. TRẦN THỊ THÚY VY. [In] Sep 13, 2022. [Out] Dec 8, 2022.
 - Paid tutor fee. Oct, Nov. 2022.
- 32. NGUYỄN LÊ TƯỜNG VY. [In] Aug 10, 2022. [Out] Dec 1, 2022.
 - Paid tutor fee. Aug, Sep, Oct, 2022.

1.2 Grade 7

1.2.1 2022-2023

- 1. Đỗ THỊ THÙY DƯƠNG. [In] Aug 13, 16, 20, 23, 25, 27, 30; Sep 1, 3, 18 19, 25, 26; Oct 2, 3, 9, 10, 16, 17, 23 24, 30, 31; Nov 6, 7, 13, 14, 20, 21, 27 28; Dec 4, 5, 11, 12, 18, 19, 2022; Jan 8, 9, $\frac{30}{2}$ Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5, 6 12, 13, 19, 20, 26, 27; Apr 2, 9, 10, $\frac{47}{2}$ 2023.
- 2. LÊ TIẾN ĐẠT. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 24 27, 28; Dec 4, 5, 11, 12, 18, 19, 2022; Jan 8, 9 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 17, 2023.
 - Reward. 30000 VND [Natural Science: midterm I: 9.5].
- 3. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 \bullet 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21 \bullet 27, 28; Dec 4, 5, 11, 12, 18, 19, 2022; Jan 8, 9 \bullet 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 \bullet 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 \bullet 17, 2023.
 - Reward. 170000 VND [Math: midterm I: 10, final term I: 9.3, midterm II: 10; Natural Science: midterm I: 10, final term I: 9, midterm II: 9.5]
 - Score. TNTQ's 1st semester.
- 4. PHAM HỮU NHÂN. [In] Oct 10, 16, 17, 23, 24, 30, 31; Nov 6, 7, 13 14, 20, 21, 27, 28; Dec 4, 5, 11, 12, 18 19, 2022; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19, 20 \circ 26, 27; Mar 5, 6, 12, 13, 19, 20, 26, 2023. [Out]
 - Tutor fee. Monthly instead of 10-day period (Reason: parents cannot compute).
- 5. Dàm Trung Tín. [In] Aug 2, 4, 6, 9, 11, 13, 16, 20, 23, 25 27, 30; Sep 1, 3, 18, 19, 25, 26; Oct 2, 3 9, 10, 16, 17, 23, 24, 30, 31; Nov 6, 7 13, 14, 20, 21, 27, 28; Dec 4, 5, 11, 12 18, 19, 2022; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19 20, 26, 27; Mar 5, 6, 12, 13, 19, 20, $26 \circ 27$; Apr 2, 9, 10, 17, 2023.
 - Reward. 30000 VND [Natural Science: midterm I: 9.75].

1.3 Grade 8

$1.3.1 \quad 2022-2023$

- 1. BÙI QUỐC DỮNG. [ln] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
- 2. NGUYỄN NGỌC MỸ DUYÊN. [ln] Oct 4, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 20, 27; Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5 10, 12, 47, 19, 24, 26; Mar 3, 5, 12, 17 19, 24, 26, 31; Apr 2, 7, 9, 14, 16, 2023.
- 3. Phan Đặng Tuyết Hồng. [In] Oct 9, 10, 14, $\frac{16}{23}$, 30; Nov 6, $\frac{13}{29}$, $\frac{27}{29}$ Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12 $\frac{17}{29}$, 19, 24, 26; Mar 3, 5, $\frac{12}{29}$, 17, 19, 24 26, 31, Apr 2, 7, 9, 14, [paid] 16, 2023.
- 4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 \bullet Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 \bullet 16, 48, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17 \bullet 49, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 \bullet 31; Apr 2, 7, 9, 14, 16, 2023.
 - Reward. 210000 VND [Math: midterm I: 9.75, midterm II: 9, Chemistry: midterm I: 9.5, final term I: 9.3, midterm II: 9.3, Physics: midterm II: 9.3].
- 5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
- 6. Hồ Tấn Phát. [ln] Apr 11, 12, 16, 2023.
- 7. HUỲNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 46, 21, 23, 28, 30; Nov $4 \bullet 6$, 11, 43, 48, 20, 27; Dec 2, 4, 11, $16 \bullet 48$, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 47, $19 \bullet 24$, 26; Mar 3, 5, 12, 17, 19, 24, 26, $31 \bullet$ Apr 2, 7, 9, 14, 16, 2023.
 - Reward. 30000 VND [Math: midterm II: 9].
- 8. Đỗ Kim Phụng. [In] Oct 4, 2, 9, 10, 14, 46, 23, 30; Nov 6, 13 \bullet 20, 27, Dec 4, 11, 18, 25, 2022; Jan 8; Feb 5, 42, 19 \bullet 26; Mar 5, 12, 19, 26; Apr 2, 7, 14, 16, 2023.
- 9. Đỗ Hoàng Quân. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr $2 \bullet 7$, 9, 14, 16, 2023.
 - Reward. 40000 VND [Math: midterm II: 9.5].
- 10. Đường Ngọc Anh Thư. [ln] Oct 7, 9, 14, 16, 21, 23, $\frac{28}{2}$, 30; Nov 4, 6 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.
 - Reward. 220000 VND [Math: midterm I: 9.8, midterm II: 9; Chemistry: midterm II: 9.5; Physics: midterm II: 10].
- 11. Trương Hồ Yến Quỳnh. [In] Aug 5, 2022. [Out].

1.4 Grade 9

$1.4.1 \quad 2022-2023$

1. NGUYỄN CÔNG ĐẠT. [In] Jun 21, 2022. [Out] Jun 23, 2022.

1.5 Grade 10

1.5.1 2022-2023

- 1. Ngô THị Huỳnh Như. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 Nov 2, 3, 10, 14, 17, 24 2022. [Pause]
- 2. Đàm Thị Quỳnh Như. [ln] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 2022. [Pause]

1.6 Grade 11

$1.6.1 \quad 2022-2023$

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 \bullet Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 \bullet Dec 1, 8, 15, 26, 2022; Feb 8, 10, 12, 15, 17, 19 \bullet 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 \bullet Apr 5, 7, 10, 17, 2023.

1.7 Grade 12

$1.7.1 \quad 2022-2023$

- 1. Đỗ THÀNH Lợi. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
- 2. TRẦN ĐứC THỊNH. [In] Sep 27; Oct 12, 2022. [Out]
- 3. Du Hoàng Tú. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 \bullet 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

2 Elementary Natural Science

2.1 Grade 7

2.1.1 2022-2023

- 1. LÊ TIẾN ĐẠT. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 24 27, 28; Dec 4, 5, 11, 12, 18, 19, 2022; Jan 8, 9 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 17, 2023.
- 2. TRẦN NGỌC THÚY QUYÊN. [In] Sep 18, 19, 25, 26; Oct 2, 3, 9, 10, 16, 17 \bullet 23, 24, 30, 31; Nov 6, 7, 13, 14, 20, 21 \bullet 27, 28; Dec 4, 5, 11, 12, 18, 19, 2022; Jan 8, 9 \bullet 30; Feb 5, 6, 12, 13, 19, 20, 26, 27; Mar 5 \bullet 6, 12, 13, 19, 20, 26, 27; Apr 2, 9, 10 \bullet 17, 2023.
- 3. Đàm Trung Tín. [In] Aug 2, 4, 6, 9, 11, 13, 16, 20, 23, 25 27, 30; Sep 1, 3, 18, 19, 25, 26; Oct 2, 3 9, 10, 16, 17, 23, 24, 30, 31; Nov 6, 7 13, 14, 20, 21, 27, 28; Dec 4, 5, 11, 12 18, 19, 2022; Jan 8, 9, 30; Feb 5, 6, 12, 13, 19 20, 26, 27; Mar 5, 6, 12, 13, 19, 20, 26 \circ 27; Apr 2, 9, 10, 17, 2023.

3 Elementary Physics

3.1 Grade 8

$3.1.1 \quad 2022-2023$

- 1. Bùi Quốc Dũng. [ln] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
- 2. NGUYỄN NGỌC MỸ DUYÊN. [ln] Oct 4, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 20, 27; Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5 10, 12, 17, 19, 24, 26; Mar 3, 5, 12, 17 19, 24, 26, 31; Apr 2, 7, 9, 14, 16, 2023.
- 3. Phan Đặng Tuyết Hồng. [In] Oct 9, 10, 14, $\frac{16}{23}$, 23, 30; Nov 6, $\frac{13}{20}$, $\frac{27}{27}$ Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12 $\frac{17}{27}$, 19, 24, 26; Mar 3, 5, $\frac{12}{27}$, 17, 19, 24 26, 31, Apr 2, 7, 9, 14, [paid] 16, 2023.
- 4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 \bullet Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 \bullet 16, 48, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17 \bullet 49, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 \bullet 31; Apr 2, 7, 9, 14, 16, 2023.
- 5. NGUYỄN MAI DUY NGHĨA. [In] Apr 16, 2023.
- 6. Hồ Tấn Phát. [In] Apr 11, 12, 16, 2023.
- 7. HUỳNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov $4 \bullet 6$, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 \bullet 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19 \bullet 24, 26; Mar 3, 5, 12, 17, 19, 24, 26, 31 \bullet Apr 2, 7, 9, 14, 16, 2023.
- 8. Đỗ Hoàng Quân. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.
- 9. Đường Ngọc Anh Thư. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.

3.2 Grade 10

3.2.1 2022-2023

- 1. Ngô THị HUỳNH NHƯ. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 Nov 2, 3, 10, 14, 17, 24 2022. [Pause]
- 2. Đàm Thị Quỳnh Như. [ln] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 2022. [Pause]

3.3 Grade 11

3.3.1 2022-2023

1. NGUYỄN THỊ NGỌC NHI. [In] Aug $4, 6, 9, 11, 13, 16, 18, 20, 23, 27 \bullet \text{Sep } 8, 15, 17, 22, 23, 29, 30; Oct <math>8, 13, 31 \bullet \text{Dec } 1, 8, 15, 26, 2022; \text{Feb } 8, 10, 12, 15, 17, 19 \bullet 22, 24; \text{Mar } 1, 6, 13, 15, 17, 20, 24, 31 \bullet \text{Apr } 5, 7, 10, 17, 2023.$

3.4 Grade 12

3.4.1 2022-2023

- 1. Đỗ THÀNH Lợi. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
- 2. Du Hoàng Tú. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 ◆ 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

4 Elementary Chemistry

Elementary Chemistry with mathematical-chemistry-focused problems.

4.1 Grade 8

4.1.1 2022-2023

- 1. Bùi Quốc Dũng. [ln] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
- 2. NGUYỄN NGỌC MỸ DUYÊN. [ln] Oct 4, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 20, 27; Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5 10, 12, 47, 19, 24, 26; Mar 3, 5, 12, 17 19, 24, 26, 31; Apr 2, 7, 9, 14, 16, 2023.
- 3. Phan Đặng Tuyết Hồng. [In] Oct 9, 10, 14, $\frac{16}{4}$, 23, 30; Nov 6, $\frac{13}{4}$, $\frac{20}{4}$, $\frac{27}{4}$ Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12 $\frac{17}{4}$, 19, 24, 26; Mar 3, 5, $\frac{12}{4}$, 17, 19, 24 26, 31, Apr 2, 7, 9, 14, [paid] 16, 2023.
- 4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 16, 48, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17 $\frac{19}{2}$, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 31; Apr 2, 7, 9, 14, 16, 2023.
- 5. Nguyễn Mai Duy Nghĩa. [In] Apr 16, 2023.
- 6. Hồ Tấn Phát. [ln] Apr 11, 12, 16, 2023.
- 7. HUỲNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov $4 \bullet 6$, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19 24, 26; Mar 3, 5, 12, 17, 19, 24, 26, 31 Apr 2, 7, 9, 14, 16, 2023.
- 8. Đỗ Hoàng Quân. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.
- 9. Đường Ngọc Anh Thư. [In] Oct 7, 9, 14, 16, 21, 23, $\frac{28}{28}$, 30; Nov 4, 6 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.

4.2 Grade 10

4.2.1 2022-2023

- 1. Ngô Thị Huỳnh Như. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 Nov 2, 3, 10, 14, 17, 24 2022. [Pause]
- 2. Đàm Thị Quỳnh Như. [ln] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 2022. [Pause]

4.3 Grade 11

4.3.1 2022-2023

1. NGUYỄN THỊ NGỌC NHI. [In] Aug $4, 6, 9, 11, 13, 16, 18, 20, 23, 27 \bullet \text{Sep } 8, 15, 17, 22, 23, 29, 30; Oct <math>8, 13, 31 \bullet \text{Dec } 1, 8, 15, 26, 2022; \text{Feb } 8, 10, 12, 15, 17, 19 \bullet 22, 24; \text{Mar } 1, 6, 13, 15, 17, 20, 24, 31 \bullet \text{Apr } 5, 7, 10, 17, 2023.$

4.4 Grade 12

4.4.1 2022-2023

- 1. Đỗ THÀNH Lợi. [ln] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
- 2. Du Hoàng Tú. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 \bullet 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

5 Elementary Computer Science: Programming-Focused

Pascal, Python, C/C++.

5.1 Grade 8

5.1.1 2022-2023

- 1. BÙI QUỐC ĐŨNG. [ln] Oct 1, 2, 7, 9, 14, 23, 2022. [Out] Oct 28, 2022.
- 2. NGUYỄN NGỌC MỸ DUYÊN. [ln] Oct 4, 2, 9, 10, 14, 16, 23, 30; Nov 6, 13 20, 27; Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5 10, 12, 17, 19, 24, 26; Mar 3, 5, 12, 17 19, 24, 26, 31; Apr 2, 7, 9, 14, 16, 2023.
- 3. Phan Đặng Tuyết Hồng. [In] Oct 9, 10, 14, $\frac{16}{23}$, 30; Nov 6, $\frac{13}{20}$, $\frac{27}{27}$ Dec 4, 11, 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12 $\frac{17}{20}$, 19, 24, 26; Mar 3, 5, $\frac{12}{20}$, 17, 19, 24 26, 31, Apr 2, 7, 9, 14, [paid] 16, 2023.

- 4. TRẦN KHÁNH MY. [In] Oct 1, 2, 7, 9, 14, 16, 21, 23, 28, 30 Nov 4, 6, 11, 13, 18, 20, 27; Dec 2, 4, 11 16, 48, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17 $\frac{19}{2}$, 24, 26; Mar 3, 5, 12, 17, 19, 24, 26 31; Apr 2, 7, 9, 14, 16, 2023.
- 5. Nguyễn Mai Duy Nghĩa. [In] Apr 16, 2023.
- 6. Hồ Tấn Phát. [In] Apr 11, 12, 16, 2023.
- 7. HUỲNH LÊ PHÚ. [In] Oct 2, 7, 9, 14, 16, 21, 23, 28, 30; Nov $4 \bullet 6$, 11, 13, 18, 20, 27; Dec 2, 4, 11, 16 18, 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19 24, 26; Mar 3, 5, 12, 17, 19, 24, 26, 31 Apr 2, 7, 9, 14, 16, 2023.
- 8. Đỗ Hoàng Quân. [In] Feb 3, 10, 17, 24; Mar 3, 17, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.
- 9. Đường Ngọc Anh Thư. [In] Oct 7, 9, 14, 16, 21, 23, 28, 30; Nov 4, 6 11, 13, 18, 20, 27; Dec 2, 4, 11, 16, 18 23, 25, 2022; Jan 8; Feb 3, 5, 10, 12, 17, 19, 24 26; Mar 3, 5, 12, 17, 19, 24, 26, 31; Apr 2 7, 9, 14, 16, 2023.

5.2 Grade 10

5.2.1 2022-2023

- 1. Ngô Thị Huỳnh Như. [In] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 Nov 2, 3, 10, 14, 17, 24 2022. [Pause]
- 2. Đàm Thị Quỳnh Như. [ln] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 2022. [Pause]

5.3 Grade 11

5.3.1 2022-2023

1. NGUYỄN THỊ NGỌC NHI. [In] Aug 4, 6, 9, 11, 13, 16, 18, 20, 23, 27 ◆ Sep 8, 15, 17, 22, 23, 29, 30; Oct 8, 13, 31 ◆ Dec 1, 8, 15, 26, 2022; Feb 8, 10, 12, 15, 17, 19 ◆ 22, 24; Mar 1, 6, 13, 15, 17, 20, 24, 31 ◆ Apr 5, 7, 10, 17, 2023.

5.4 Grade 12

5.4.1 2022-2023

- 1. Đỗ THÀNH Lợi. [In] Sep 27, 28; Oct 2, 5, 12, 15, 22; Nov 13; Dec 4, 2022. [Out]
- Du Hoàng Tú. [In] Sep 20, 21, 27, 28; Oct 2, 4, 5, 12, 25; Nov 9 30; Dec 6, 2022; Feb 2, 7, 23; Mar 2, 28; Apr 6, 13, 2023.

6 Olympiad/Calculator

6.1 Grade 8

6.1.1 2023

1. Hồ Tấn Phát. [In] Apr 11, 12, 16, 2023.

7 Linguistics/English

Linguistics/English should not be categorized by class but by level instead.

7.1 Grade 10

7.1.1 2022-2023

- 1. Ngô Thị Huỳnh Như. [ln] Sep 14, 16, 28, 30; Oct 7, 12, 19, 20, 21, 28 Nov 2, 3, 10, 14, 17, 24 2022. [Pause]
- 2. ĐÀM THỊ QUỲNH NHƯ. [In] Aug 9, 12, 14, 16, 21, 23, 26, 30; Sep 11, 14 16, 21, 28, 30; Oct 3, 7, 10, 12, 19, 20 21, 24, 28, 31; Nov 2, 3, 10, 14, 17, 24 2022. [Pause]