

Foreword

“Give a man a fish, and you feed him for a day; teach him to fish – and you feed him for a lifetime.”

— author unknown

Every one of the **guide** series is a *fisherman* book – *i.e.*, they teach *concepts*. Each step in the *concept* is thoroughly explained and illustrated further by *worked examples* or *problems*.

The **effective** or **critical guide** fundamental series is best suited for beginners. Although these *guides* are complete on their own, but we do encourage students who become more familiar with the subject matter; to progress to more *extensive guides*. It is not unusual for certain schools wanting to broaden their students’ minds to teach beyond the actual examination (exam) syllabus *per se*. For this, students are best advised to immediately use the **complete** or **total guide** extensive series.

For students with *extreme intelligence*, they will find the *guides* a little too cumbersome to refer. They should then use the *fisherman fast-learner* books, *i.e.*, books that are to help prepare students taking the actual exams (quickly). These books provide the **critical study notes** to all exam concepts.

Knowing how to use the fishing rod, line, sinker, hook and bait to fish is not enough; one still needs the *encyclopedia of fish*, *i.e.*, the **challenging learn-by-example** (LBE) fundamental series. Out there, there will be many kinds of fish; each requires slightly different method to catch, for example, capturing a shark definitely demands a different technique from that of catching a salmon. In the same way, one must get familiar with the various exam question-types so that one can confidently score. The *challenging LBE* series provides training up to ordinary exam-standard. Again, for students going beyond, the **demanding LBE** extensive series is a must-have.

Lastly, you should not neglect fundamental *work-out* with our ever-popular **challenging drill questions** (with answer keys only) and **solutions**. Again for students with *extreme intelligence*, do complement learning with our **oh-my-god (omg) drill questions** (with solutions), an all-embracing extensive *work-out* series.

For teachers, please use the **teacher’s reference** (*coming soon*).

Each year, popular “past-years exam questions” books are usually printed without accompanying accurate solutions, mark schemes and appropriate examiners’ requirements; for this lack, please use our fully compatible **complete yearly solutions** series. In addition to accurate answer scripts, common errors as highlighted by the exam board are also appended. Due to popular demand, we have reinforced some of these commonly-asked-ordinary-exam-questions as **challenging practice questions** and **solutions**.

Knowledge is power. But, there are publications out there that provide **false information** and it may be difficult for students to separate **accurate education** from this *false information*. The trust in our extremely rigorous publishing control allows us to be confident in the **reliable truth** the students would receive.

Latest and continuous updates and errata are available at <www.yellowreef.com> and one may purchase these reliable publications from your nearest major bookstore or online from <www.stargazz.com>.

All of the above books are created to fulfill the urgent need in mastering the subject matter most efficiently. It will undoubtedly provide a firm platform for the student to score extremely well in his/her exams. But knowledge at its highest form is not a science but an art; to do this, please use our **journey** books – the ultimate mastery of the art form.

“Using the right tool at each appropriate stage of exams preparation saves time. No point trying to pretend that a simple screwdriver would suffice at all situations.”

“If I have seen yonder, it is by standing on the shoulders of giants.” – Sir Isaac Newton

“The actual journey of inspiration only begins when one takes the first step towards learning humbly from the masters.” – paraphrased by the authors

“The human form factor remains unchanged, so learn it, love it and master it and you lord over all things.” – Chris Hughes

“Look at the examples around you, therefore, never chase after money. If truth be told, it is one’s passion that gets the ultimate prize. Derive first the pleasure of creating things that are untouchable by all principalities.” – Thomas Bond

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Leveling the playing field

A **level playing field** is a concept about fairness, not that each player has an equal chance to succeed, but that they all play by the same set of rules.

Not every person is born with a silver spoon in his mouth, *i.e.*, born into a wealthy family. There is, therefore, no such thing as a *level playing field* to begin with. Even so, it is not a peccadillo to be born poor.

Although wealth is not an absolute measure of one's happiness and self-worth, it nevertheless provides one with a sense of well-being.

If one is unskilled, one has no choice but to take on only lowly paying jobs which require little or no job knowledge, such as a street-cleaner or a dish-washer (no pun intended).

In order to improve one's standing in the society, one has to be schooled in both knowledge and skill. In its broad sense, **education** refers to any act or experience that has a formative effect on the mind, character, or physical ability of an individual. It is usually transmitted through schools, colleges and universities.

With *education*, one can choose to be a chef, a dancer, an artiste, a lawyer, an engineer, a doctor, an accountant or even a banker. Even though one might have come from a lowly background, one can still advance comfortably to higher rungs of the society and improves one's life.

Save for, if one still has the passion to be the best street-cleaner or dish-washer in town, why not? One can still choose his or her own path.

Hence, *education* is about having one's own choice and definitely one's ultimate leveler.

But, the process of *education* is not cheap.

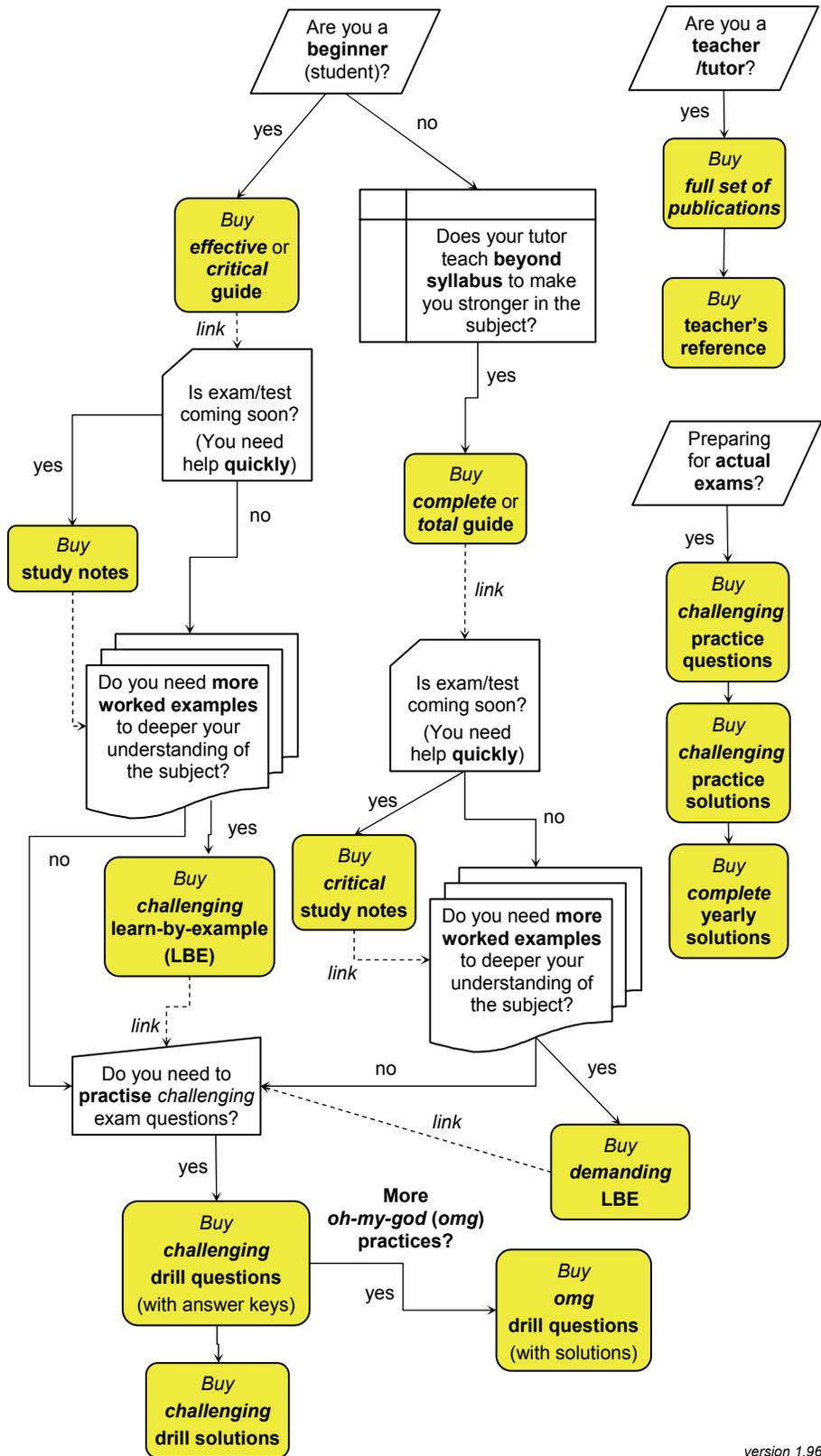
We are prepared to assist in whatever ways we can to provide this leveler. Any students that are currently under any *financial assistance schemes* or deem unable to procure any of our publications to improve their grades or if you are a compassionate teacher or parent involves with these students, please do get in touch with us at <sales@yellowreef.com> on the number of **free copies** you need.

For those of you who are not eligible for this help, but still wanted some form of help, please visit <www.yellowreef.com> and look under the <*books*> or <*solutions*> sections for some free goodies.

Here, may we wish all talents, big and small, be allowed to blossom to their fullest extent.

version 1.03

ROAD MAP



version 1.96

CONTENT

- 1 Fractions
- 2 Percentage
- 3 Ratio
- 4 Speed
- 5 Measurement
- 6 Geometry
- 7 Data Analysis
- 8 Algebra

ordinary level

advanced level

<i>effective or critical guide</i>	An ample <i>effective</i> guide for students starting out at Sec 3 and <i>critical</i> at Sec. 4 or 5.	An ample <i>effective</i> guide for students starting out at JC year 1 and <i>critical</i> at JC year 2.
<i>critical study notes</i>	An intense and sharp delivery of concepts. The structure and organization are direct verbatim imports from top schools.	An intense and sharp delivery of concepts. The structure and organization are direct verbatim imports from top colleges.
<i>challenging learn-by-example (LBE)</i>	The MCQs / structure questions were taken from actual exams. The deliberations were from easy to hard. (topical)	The MCQs / structure questions were taken from actual exams. The deliberations were from easy to hard. (topical)
<i>challenging drill questions</i> (with answer keys)	For practice. The MCQs / structure questions were taken from actual preliminary exams of <i>top schools</i> . (topical)	For practice. The MCQs / structure questions were taken from actual preliminary exams of <i>top colleges</i> . (topical)
<i>challenging drill solutions</i>	The step-by-step solutions to <i>challenging</i> drill questions.	The step-by-step solutions to <i>challenging</i> drill questions.
<i>complete guide</i>	A complete and total deliberation of extensive concepts taught in <i>top schools</i> .	A complete and total deliberation of extensive concepts taught in <i>top JCs</i> .
<i>demanding LBE</i>	The MCQs / structure questions were taken from actual exams worldwide. The deliberations were from easy to hard. (topical)	The MCQs / structure questions were taken from actual exams worldwide. The deliberations were from easy to hard. (topical)
<i>oh-my-god drill questions / solutions</i>	For practice. The MCQs / structure questions with solutions were taken from actual exams of <i>top schools</i> worldwide. (topical)	For practice. The MCQs / structure questions with solutions were taken from special and/or H3 actual exams worldwide. (topical)
<i>challenging practice questions</i>	Mock exam questions arranged in a topical order.	Mock exam questions arranged in a topical order.
<i>challenging practice solutions</i>	Solutions to mock exam questions arranged in a topical order.	Solutions to mock exam questions arranged in a topical order.
<i>complete yearly solutions</i>	The solutions to actual exams arranged in a yearly format.	The solutions to actual exams arranged in a yearly format.
<i>teacher's reference</i>	A complete and comprehensive guide for teachers.	A complete and comprehensive guide for teachers.

version 1.69

- **Compile school notes /Write novels**
- **Draw /Design comics/art books**
- **Compose popular tunes /lyrics /Sing**
- **Act**

We are looking for talented person(s) who could help us to:

- prepare school education books for *advanced, ordinary* or *primary* levels.
- write *short stories* or *novel* according to our requirements.
- write simple *English readers*.
- draw *comics* and design *cartoon guides/art books*.
- compose popular *tunes, lyrics* and perform the *compositions*.
- write, produce, direct or act in a *short skit, movie* or *talk-shows*.
- compose, write, conduct or sing a *song* and its *mtv*.

The person(s) must possess the following:

1. creative and genuine.
2. familiar with Microsoft Word 2003/2007 or later, mathtype 5.2 (or Equation editor 2007 or later) and drawing tools. Adobe Acrobat Professional CS3 or later installed.
3. owns a fast Microsoft Windows PC (with proper internet connection), and skilled in working with clip arts and text. ability to produce quality work fast and on-time (only a short time would be allowed). must have distinction grade for the assignment subject-type (e.g. distinction for additional math for assignment in additional mathematics notes; other subjects may be english (AL), geography (AL), biology (AL), mathematics and so on).
4. must be an undergraduate / graduate / nafa / lesalle / music school or higher.
5. must be committed to the job assigned (you cannot quit half-way, otherwise we will withhold payment).
6. Graphics, music or movie guys, please be familiar with your own skills and softwares.

This is not a pure typist job. Prospective candidate will work from home and be paid on a per-job basis. Further details and contract will be disclosed to successful candidates.

Interested applicant please email us at <sales@yellowreef.com> with your name, recent photo, full CV (include all o-level, a-level, uni results), contact numbers, email address, subject(s) that scored distinction(s), scans of your identity card or identification papers (we don't wish to employ illegals).

Payment is by direct-bank-in to personal bank account.

*As you must learn and know more about us before your interview, you are required to go to any established popular bookstores and ask for the text/assessment department. In that section, look for the labels: **yellowreef, cosmic and step-by-step**. Questions will be asked about these books/DVDs or music CDs.*

If you are successful, you will serve under an appropriate supervisor.

Lastly you must be a **fun guy** to work with ...

Go to www.yellowreef.com and register as a member of the forums and get the latest updates. Full job scope and complete details are provided.

version 1.71

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You are talented, sign up now, *i.e.*, if you can:

- **Sing/Act** – write/compose/sing a song; write/act/direct a movie, show or skit,
- **Draw/Write** – Draw/paint a cartoon book, comic or art; write a novel or short story, or
- **Make** – design/make fashion accessories, shoes, belts, bags or clothes.

We will help you to package, advertise, showcase and sell it to the public.

We have a micro-payment system that is secure and friendly. Apart from charging you **7%*** per transaction, you will get the entire sale amount electronically direct into your bank account.

Here is how it works:

- **Buyer** – buyer upon confirming the purchase, will transfer the micro-payment to an **escrow account**. Seller is informed by email.
- **Seller** – seller will deliver the goods, buyer will acknowledge the goods receipt. The *escrow account* will release payment electronically into the seller's bank account.
- **Dispute** – if the buyer did not receive the goods within a specific period and the seller did not confirm sending out the goods, the *escrow account* shall return the money electronically back to the buyer's bank account. However, if the seller has confirmed sending out the goods and the sale period is lapsed, the *escrow account* will release the money to the seller.

Why *stargazz.com*?

- **Cheap** – *stargazz.com* is the cheapest in town. We charged no registration, upfront or monthly merchant account fee.
- **Safe** – *stargazz.com* provides a guarantee that you as a seller, will receive the full payment, if your goods and services are properly delivered. The same protection goes to the buyer as well.
- **Anonymous** – We do not disclose any information to any organization or third party.
- **Limitless income** – There is no age limit or limit to your income when you trade through us.

* - terms and conditions apply.

sign up with us today ... (coming soon)

version 1.01