

# OXFORD/CAMBRIDGE SUMMER COURSES WORKSHOP



**DR ANTHONY 'SKIP' BASIEL**

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# OVERVIEW

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- **Presenter introduction search**
- **1-minute essay**
- **Paper airplane challenge**
- **Sherlock Holmes mystery**
- **Developing observational skills**
- **Attention Test**
- **Perception**
- **Colour Psychometrics**
- **Online Physics Problem**

# SEARCH FOR DR ANTHONY 'SKIP' BASIEL

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**In teams:**

**Find at least 2 true facts about your Tutor that shows why they are good to facilitate this module.**

**Game:**

**Each team gets 1 point for a correct answer.**

**Winner = 3 points first**

**Prize**

**First on half-way break**



# I MINUTE ESSAY

**In one minute** write

something you have learnt this summer. It can be from a lesson, or informal from a social event, or just exploring Cambridge.

Next- share your wisdom with a friend. You may want to make a change.

Share with the class?



# PAPER AIRPLANE CHALLENGE

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## In teams:

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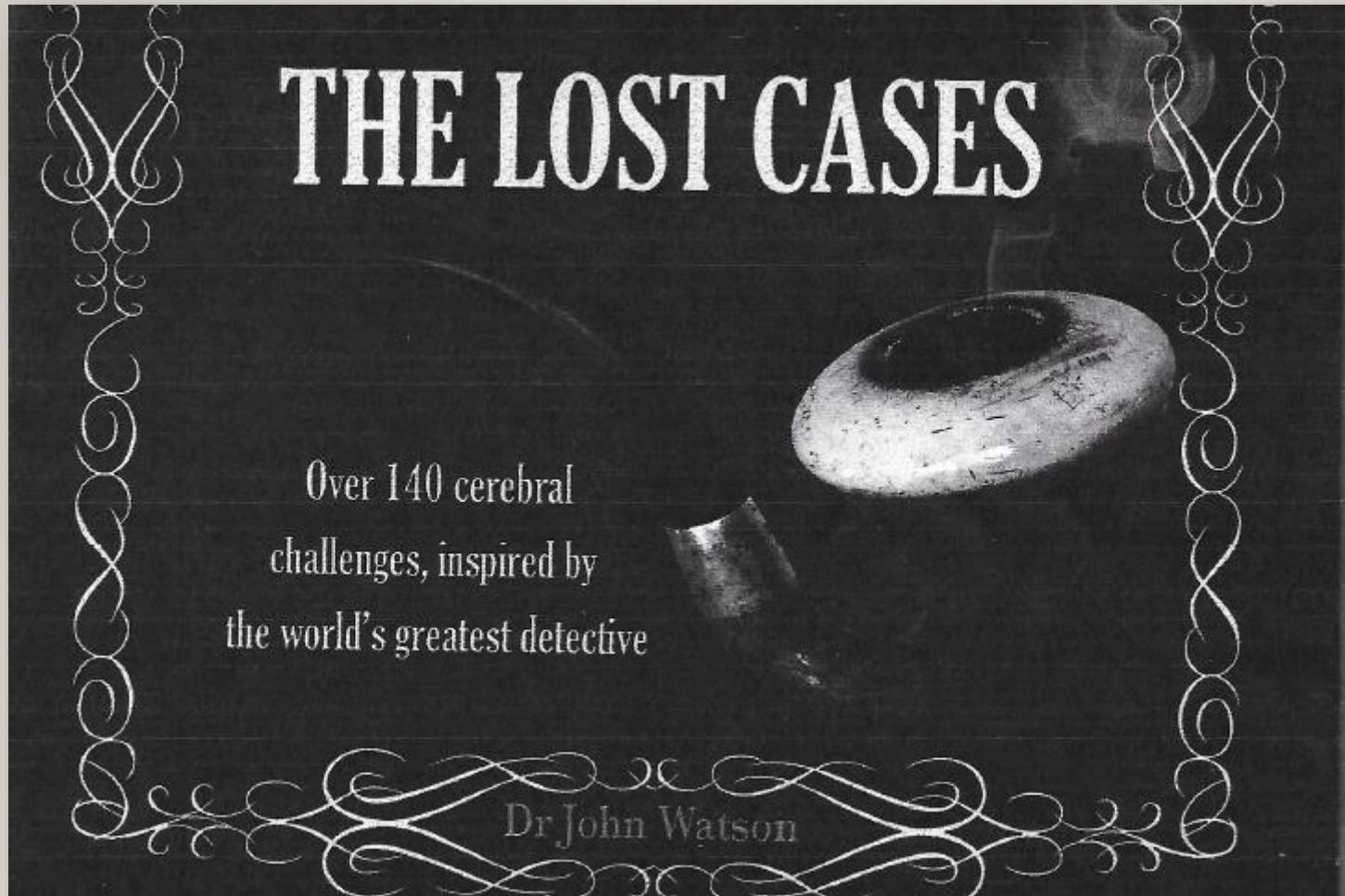
- research,
- design,
- develop
- and produce a paper airplane.



What important questions do you need to ask to successfully complete this task?

# USE YOUR DEDUCTIVE REASONING IN PAIRS

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# [HTTP://WWW.BRIDDLERIDDLES.COM/RIDDLES/SHERLOCK-HOLMES-QUESTIONS](http://WWW.BRIDDLERIDDLES.COM/RIDDLES/SHERLOCK-HOLMES-QUESTIONS)

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## #2 - Sherlock Holmes Murder Mystery Riddle

Sherlock breaks into a crime scene. The victim is the owner who is slumped dead on a chair and have a bullet hole in his head. A gun lies on the floor and a cassette recorder is found on the table. On pressing the play button, Sherlock hears the message 'I have committed sins in my life and now I offer my soul to the great Lord' and followed a gunshot Sherlock smiles and informed the police that's its a murder.

Why did he think so?



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**How can a dead person rewind back the tape himself?**

# HTTP://WWW.BRIDDL ES/SHERLOCK-HOLMES-QUESTIONS

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## #18 - Baker Street Murder Mystery

**A crime was committed at Baker Street. Ibrahim Dakota who was shot in stomach was the main suspect. Sherlock questioned the suspect.**

**The conversation started as:**

**Sherlock: What's your story Ibrahim?**

**Ibrahim: I was walking around Baker Street and suddenly a man from back shot me. I ran as fast as I could to save my life.**

**Sherlock: That is enough (and asked the police to arrest him).**

**Why did Sherlock think he was the murderer?**

[HTTP://WWW.BRIDDLERIDDLES.COM/RIDDLES/SHERLOCK-HOLMES-QUESTIONS](http://WWW.BRIDDLERIDDLES.COM/RIDDLES/SHERLOCK-HOLMES-QUESTIONS)

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Why did Sherlock think he was the murderer?



**If shot from back, how can he get the injury in the front in the stomach?  
Therefore a fake story.**

# DEVELOPING OBSERVATION SKILLS

Tips and Tools

## Attention to Detail Skills

### Organization Skills

- Use tools like calendars, day planners, highlighters, and any kind of apps and programs created to help you stay highly organized.



### Time Management Skills

- set goals
- prioritize your goals
- create a schedule
- make lists
- break large tasks into smaller tasks
- balance work and leisure



### Analytical Thinking

- gather and analyze information
- look at situations through different points of view
- problem-solving skills



### Active Listening Skills

- eye contact
- avoiding distractions
- body gestures
- giving feedback



### Observation Skills

Find ways and tools to improve your keen sense of observation such as: going for a walk, and observing everything occurring all around you; asking questions to people or in your mind.



# DEVELOPING OBSERVATION SKILLS

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YOUTUBE [HTTPS://YOUTU.BE/CFMJ\\_NY5TVG](https://youtu.be/CFMJ_NY5TVG)

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## OBSERVATION & INFERENCE



# DEVELOPING OBSERVATION SKILLS

FUN WITH PUZZLES IS FUN  
WEBSITE OF PUZZLES WHICH  
CONTAINS LOTS OF PUZZLES  
FILES OF SUDOKU, SCIENTIFIC  
STUDY PUZZLES AND FUN

PUZZLES.



TRY THIS TEST TO MEASURE  
YOUR OBSERVATION SKILLS.  
HOW MANY 'F'S?

SEE THE VIDEO: [HTTPS://YOUTU.BE/YYF5ATC5-XQ](https://youtu.be/YYF5ATC5-XQ)

# DEVELOPING OBSERVATION SKILLS:

8 Fs

FUN WITH PUZZLES IS FUN  
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# SELECTIVE ATTENTION TEST

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See: <https://www.youtube.com/watch?v=T8vAT7sWEow>

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# PERCEPTION

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**Observation is linked to perception.**

**How many senses do we have? – Discuss with the whole class**

**What is Proprioception?**



## How do Subliminal Messages Work?

Subliminal messages appeal to our subconscious mind. It is a process in which external sensory stimuli trigger reactions without us noticing the signals.



► There are 37 known sensory inputs across 7 categories:



# PERCEPTION

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**Do the pencil test:**

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- Take your pen and look down while making a clockwise circle.
- Keep circling but hold the pen up so you are looking at it from beneath.
- ????? Is it still going in the same direction, or is it counter-clockwise now?
- See my YouTube video:  
<https://youtu.be/m3EsRvF0y8M>



# COLOUR PSYCHOMETRICS

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- Do paper survey
- Identify your colour

**Follow-up after at:**

[https://www.colorcode.com/free\\_personality\\_test/](https://www.colorcode.com/free_personality_test/)

**Note: You don't have to register**

# Complete the Questionnaire

- Add up the numbers of the Letters (A,B,C and D)
- Put result in order of the highest to the lowest
- List the letters in order

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- The highest number represent the set of personality traits you most like
- The lowest number represent the least personality trait you are least like



# INTRODUCTION TO COLOUR ENERGY



# COLOUR ENERGIES EXPLAINED BAD DAY



# COLOUR ENERGIES EXPLAINED GOOD DAY



# PROJECT SKILLS MATCHING PERSONALITY TRAITS

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- **Cool Blue**
- **Sunshine Yellow**
- **Fiery Red**
- **Earthy Green**

**Note taker**  
**Researcher**  
**Data analyst**  
**Presenters**  
**Report writer**  
**Team motivation**  
**Directors**  
**Decision maker**  
**Project Managers**  
**Peace keeper**  
**Team spirit**  
**Positive direction**

# PHYSICS PROBLEM

## Real world problem done online

- . Follow the next steps to communicate online at:

<http://eseminars.adobeconnect.com/coventrylondon/>

to solve the situation an answer the question:

Will the water level go:  
Up? Down? Or stay the same?



- **Look at the next situation**
- **Form a group around the computer and create a group name (e.g. MBA Masters)**
- **Post a draft solution online**
- **Review other groups and revise your answer accordingly**

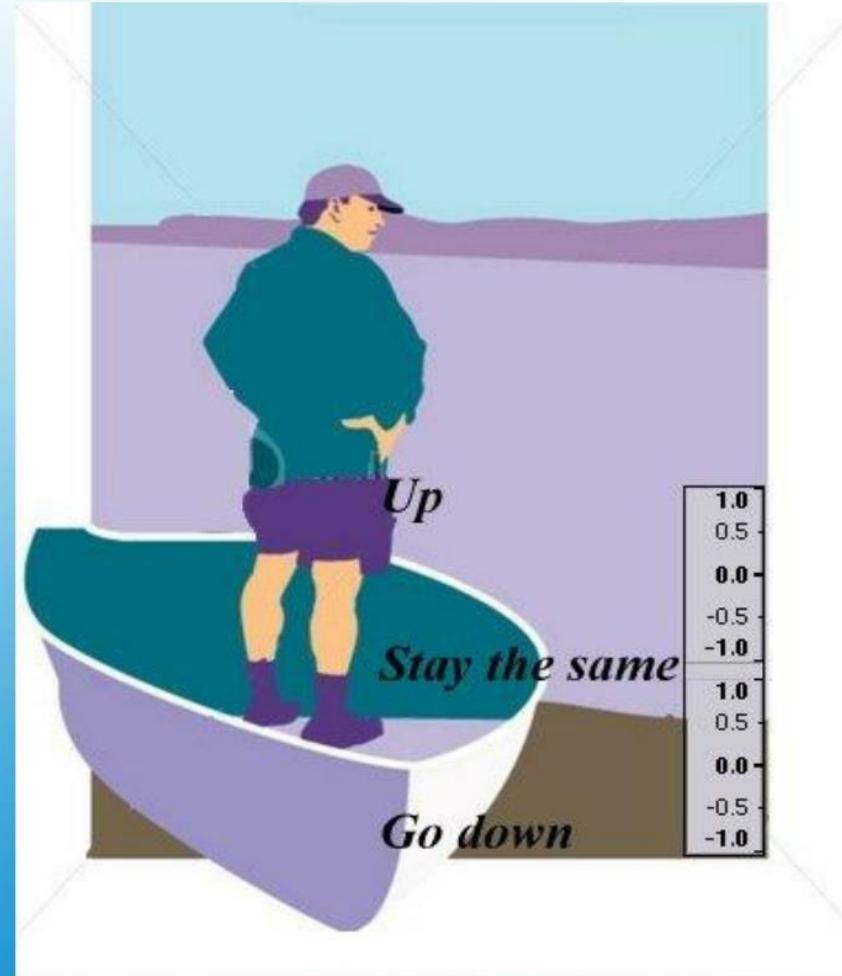
**Follow these steps...**

# PHYSICS PROBLEM



**A man throws a block  
from the boat to the water**

# PHYSICS PROBLEM



Will the water level go:  
Up? Down? Or stay the same?

# FUZZY KNOWLEDGE & SOLUTIONS

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- **Not all situations will have a clear answers. The answers may fall somewhere on a range or spectrum of solutions that can change over time as new information comes available. (E.g. the earth is no longer considered flat )**



Please see my website:

<http://abasiel.wordpress.com>

or eMail any questions

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