

Sci-Dice

Ever thought how your life would be if it was dictated by the roll of a dice? Well, the next hour or so could be just like that if you take up our sci-dice challenge!

First check if you have all the objects in your home – **very important**. Pick whether you'd like to play the **hard version** or the **easy version** with your little angels, print out and make up the dice, then roll away for the science based treasure hunt to begin.

Remember! If you are reading this, you will soon know the answers! You will have to be in charge of the game and can't take part!

Things you will need in the house

Talcum Powder

Bath sponge (the real sort – small or big)

Salad dressing (oil and vinegar)

Salt

Oranges / lemons / blackcurrants etc any Vitamin C laden fruit

Fizzy Drinks Polystyrene (comes in solid or foam form, foam is easier to identify)

Old fashioned brown doormat

Laundry basket

CD or DVD

Toothpaste

Anything chrome (taps etc)

Pumice stone

Hair Conditioner

Plants – edible or decorative!

Anything ceramic – cup, plate etc

Sugar

How the game is played

You can divide the players into teams – or let them play as individuals. Or one person can play against how long they claim it will take them! Choose which dice to print out, and print one set of dice for the game.

- **Easy Version** (kids under 12 – or older if you want a quick game.)
- **Hard Version** (12 or older with access to internet for researching answer)

Parent/Adult needs to be in charge to invidulate, time keep and watch the score.

How the game is played continued...

First job - make the print outs into dice! You'll need scissors, tape/glue and thin card to stick the paper version onto to make it more durable (i.e. cornflake packet card).

You can limit the number of throws (i.e. rounds) to limit the time the game takes in total, or not!

Players or teams throw all three dice, and choose one of the faces to find.

They may not look for an object they have already found.

If all three faces of the three dice are all things they have already found, throw again.

If two are, the players must choose the one remaining face.

If one face has already been found, the players choose from the remaining two.

Easy Version - Players then go and find the object in question.

Hard Version - if web is available at the same time to all the players/teams, fine. If not, then the parent in charge must stagger the throw times, noting what time the throws are made, so teams all have a fair chance of looking stuff up on the web to help them find it.

Points - you give **10 points** if the team locates the correct object in less time than the other teams. You give **5 points** if they locate the correct object even if they are not the first, and find the object in the time limit set. (if one has been set). You knock **2 points off** if they need to ask for a clue (see clue sheet)

If a team gives up and can't find the object – **0 points!**

They can earn a discretionary **3 points** for finding the wrong thing providing it is clear to the indulging parent they have some understanding of the clue!

Extra Clues

BLUE DICE

Blue Easy Version extra clues

- 1 - very soft white powder for your skin
- 2 - from the sea to your bathroom
- 3 - It can be French, honey-mustard, blue cheese or thousand island!
- 4 - this crystal does a great double act with pepper!
- 5 - Often found in a bowl
- 6 - Can be Malt, you can pickle things in it.

RED DICE

Red Easy version extra clues

- 1 - Gas in liquid makes it fizzy!
- 2 - Supermarkets use it - often blue colour.
- 3 - Catches dirt and mud
- 4 - Where your P.E. kit should be put after use!
- 5 - Rainbow shiny on one side.
- 6 - Don't go to bed unless you've used this!

Blue Hard Version extra clues

- 1 - Mohs Scale is a scale of hardness, 1 is the softest.
- 2 - Creature from the sea.
- 3 - Sometimes you give it a shake or a stir to get it back to being an emulsion.
- 4 - Melts ice, repels slugs
- 5 - It's a vital vitamin.
- 6 - Also Known As Acetic Acid

Red Hard version extra clues

- 1 - Gas in a liquid
- 2 - Light but strong bubbly plastic
- 3 - Coconut by-product
- 4 - Anaerobic – means they don't need oxygen
- 5 - Digitally stored information
- 6 - Last thing at night, first thing in the morning, and sometimes inbetween!

Extra Clues continued...

YELLOW DICE

Yellow Easy version extra clues

- 1 - It isn't silver, but it's silver like...
- 2 - Grey and rough!
- 3 - Helps to untangle you.
- 4 - Leaf this one to the experts!
- 5 - Can have plain glaze or fancy
- 6 - Very bad for your teeth!

Yellow Hard version extra clues

- 1 - Common metal plating
- 2 - bubbly abrasive rock
- 3 - Gloopy, smooths you out!
- 4 - Botanical food producer
- 5 - Clay transformed by extreme heat.
- 6 - You can get artificial versions if you are on a diet.

Answers

BLUE DICE - Hard and Easy

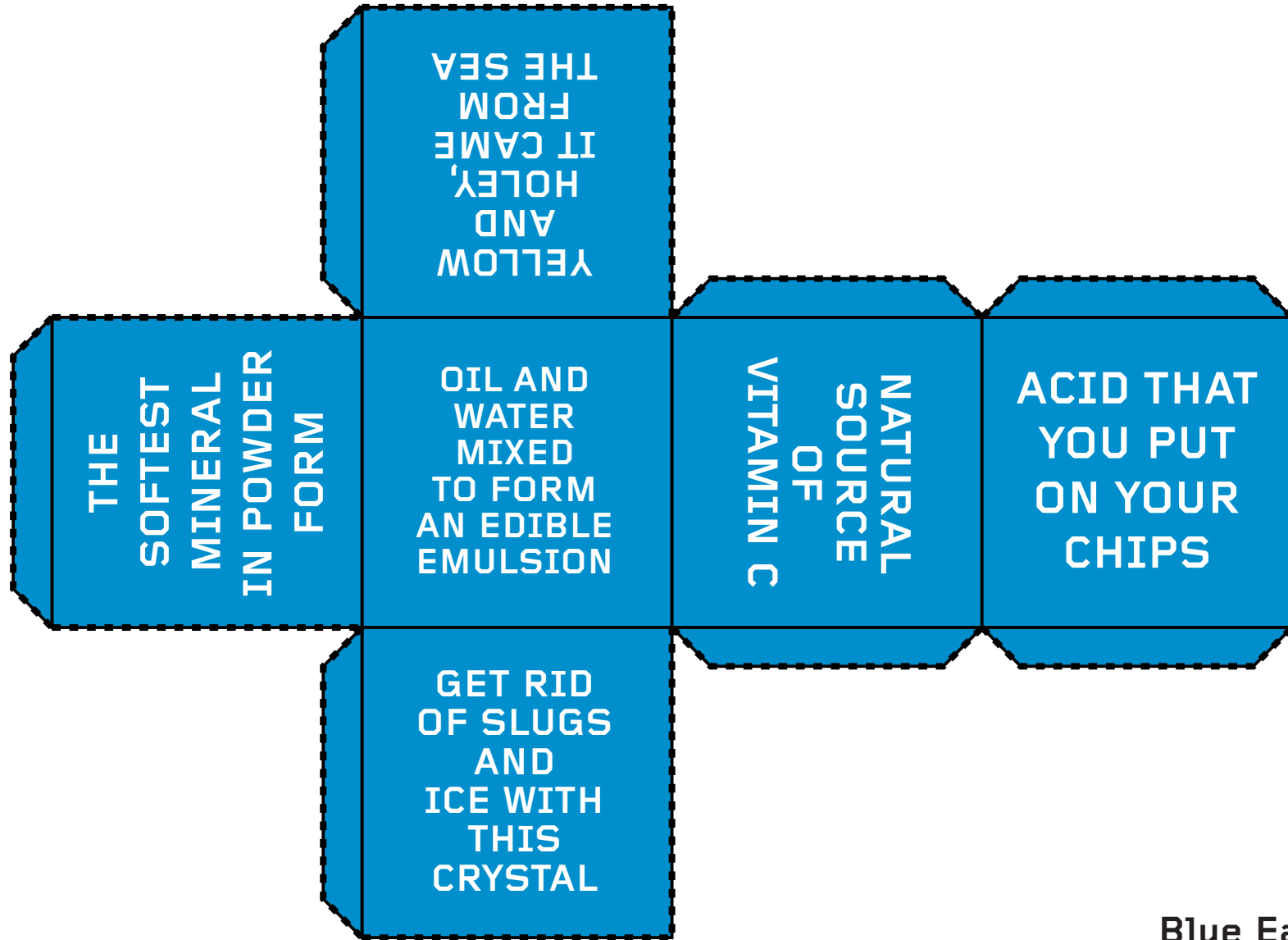
- 1 - Talcum Powder
- 2 - 'Real' Bath Sponge
- 3 - Salad Dressing
- 4 - Salt
- 5 - Vitamin C (orange, Lemon, Grapefruit etc)
- 6 - Vinegar

RED DICE - Hard and Easy

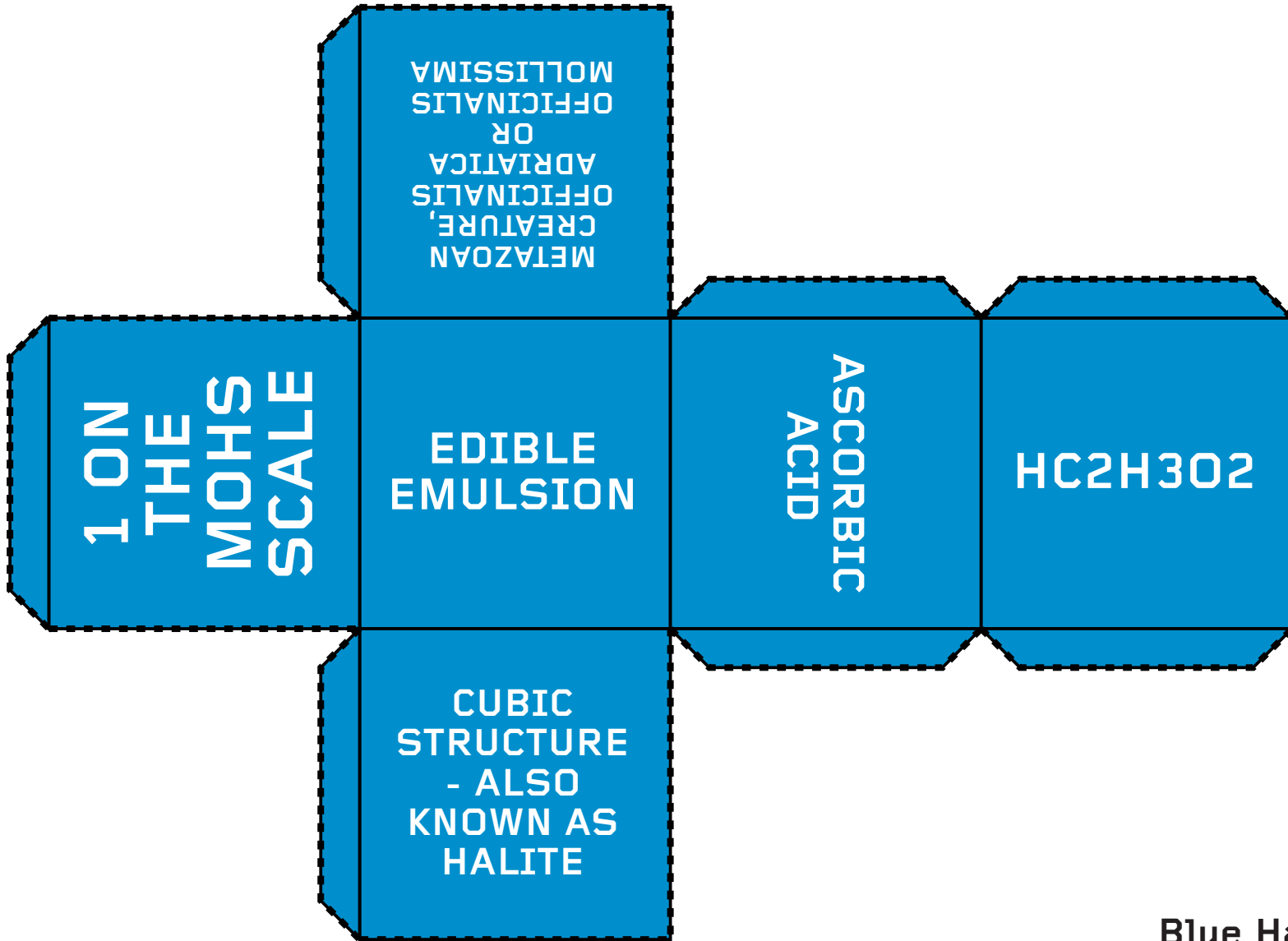
- 1 - Fizzy Drinks
- 2 - Polystyrene
- 3 - Brown doormat
- 4 - Laundry Basket
- 5 - CD or DVD, the disk not the player!
- 6 - Toothpaste

YELLOW DICE - Hard and Easy

- 1 - Chrome (i.e. on taps)
- 2 - Pumice
- 3 - Hair Conditioner
- 4 - Chlorophyll, any green plant matter.
- 5 - Ceramic i.e. plate
- 6 - Sugar



Blue Easy



METAZOAN,
CREATURE,
OFFICIALS,
ADRIATICA
OR
OFFICIALS
MOLLISSIMA

1 ON
THE
MOHS
SCALE

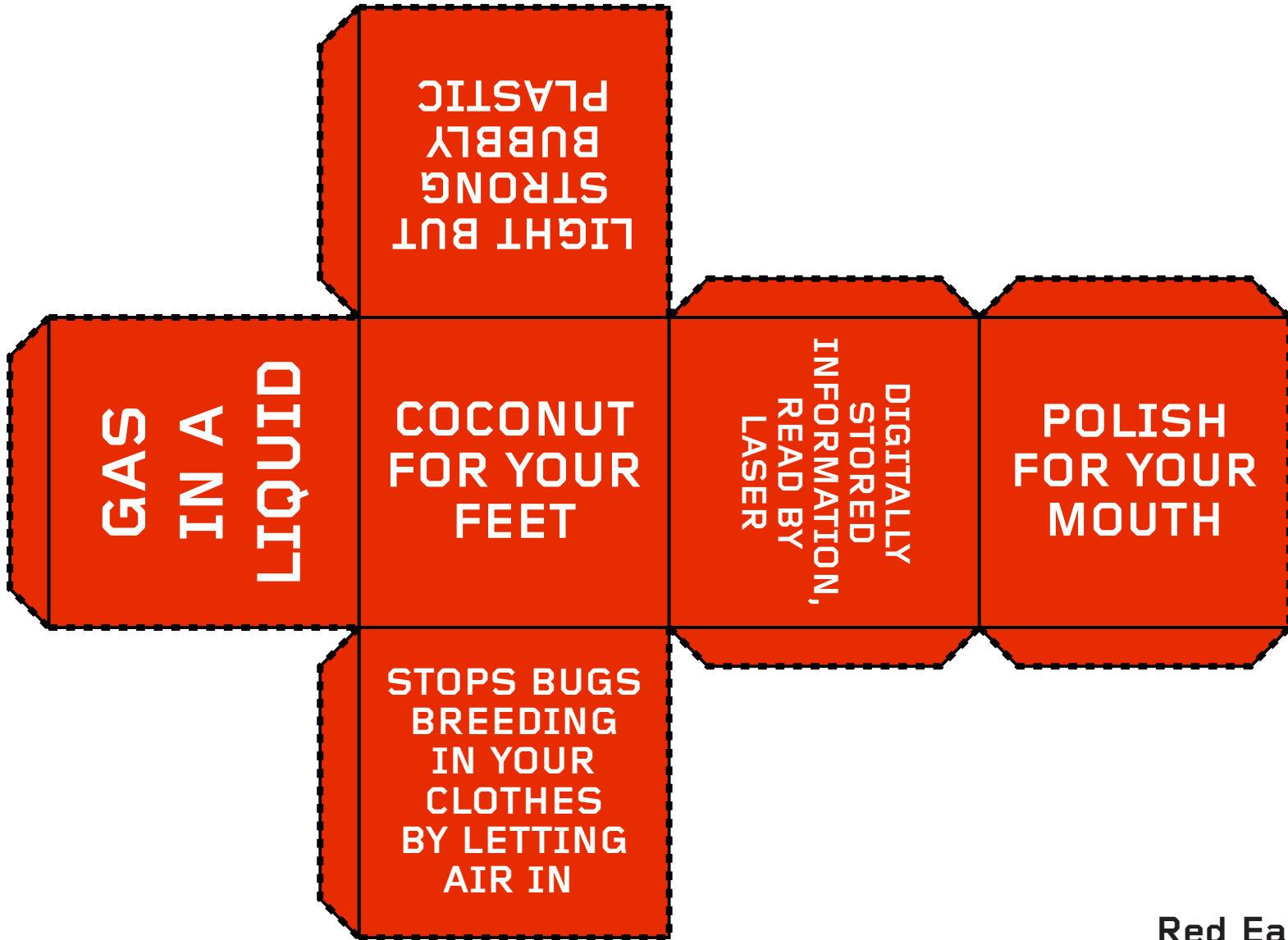
EDIBLE
EMULSION

ASCORBIC
ACID

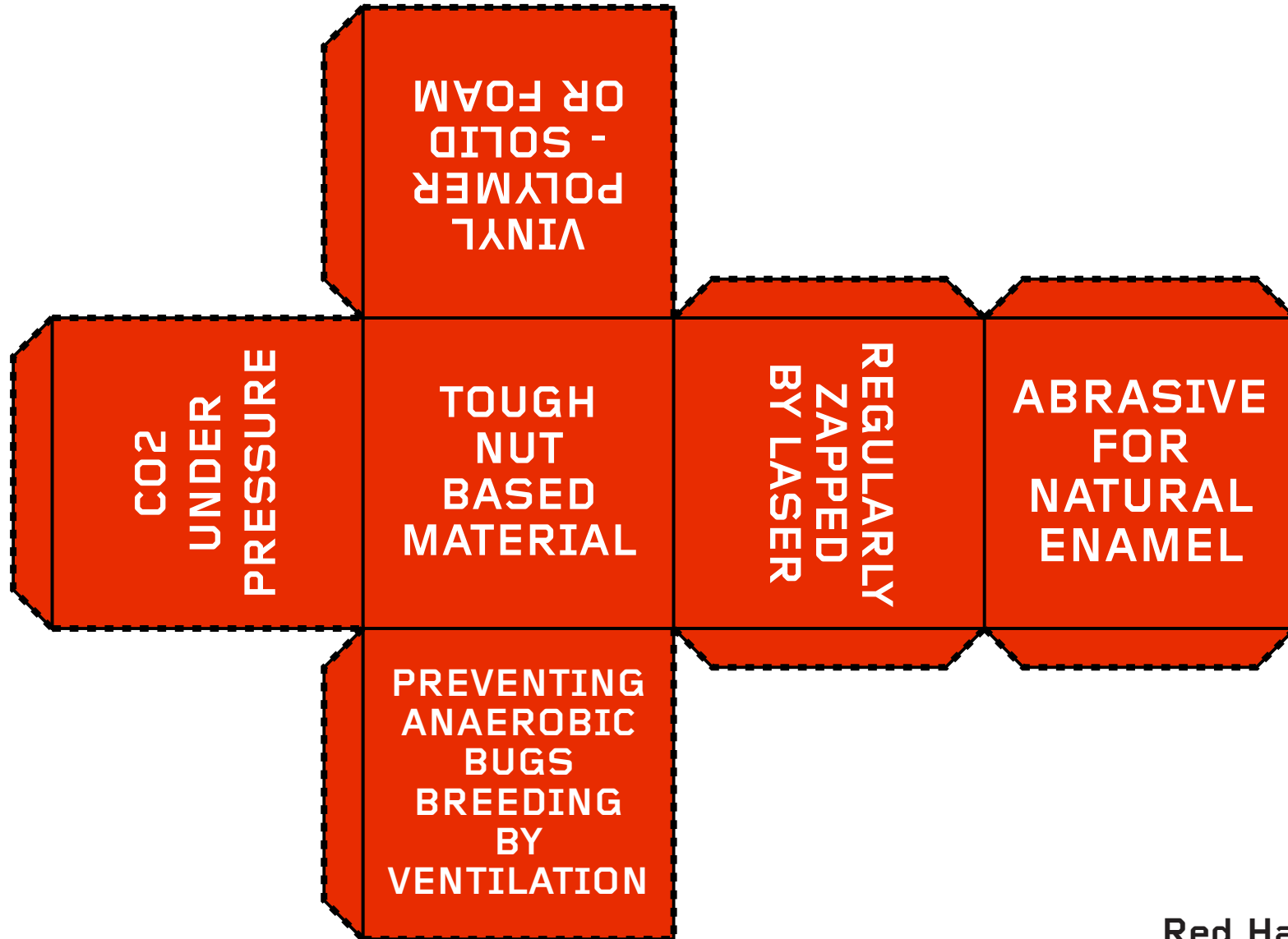
HC2H302

CUBIC
STRUCTURE
- ALSO
KNOWN AS
HALITE

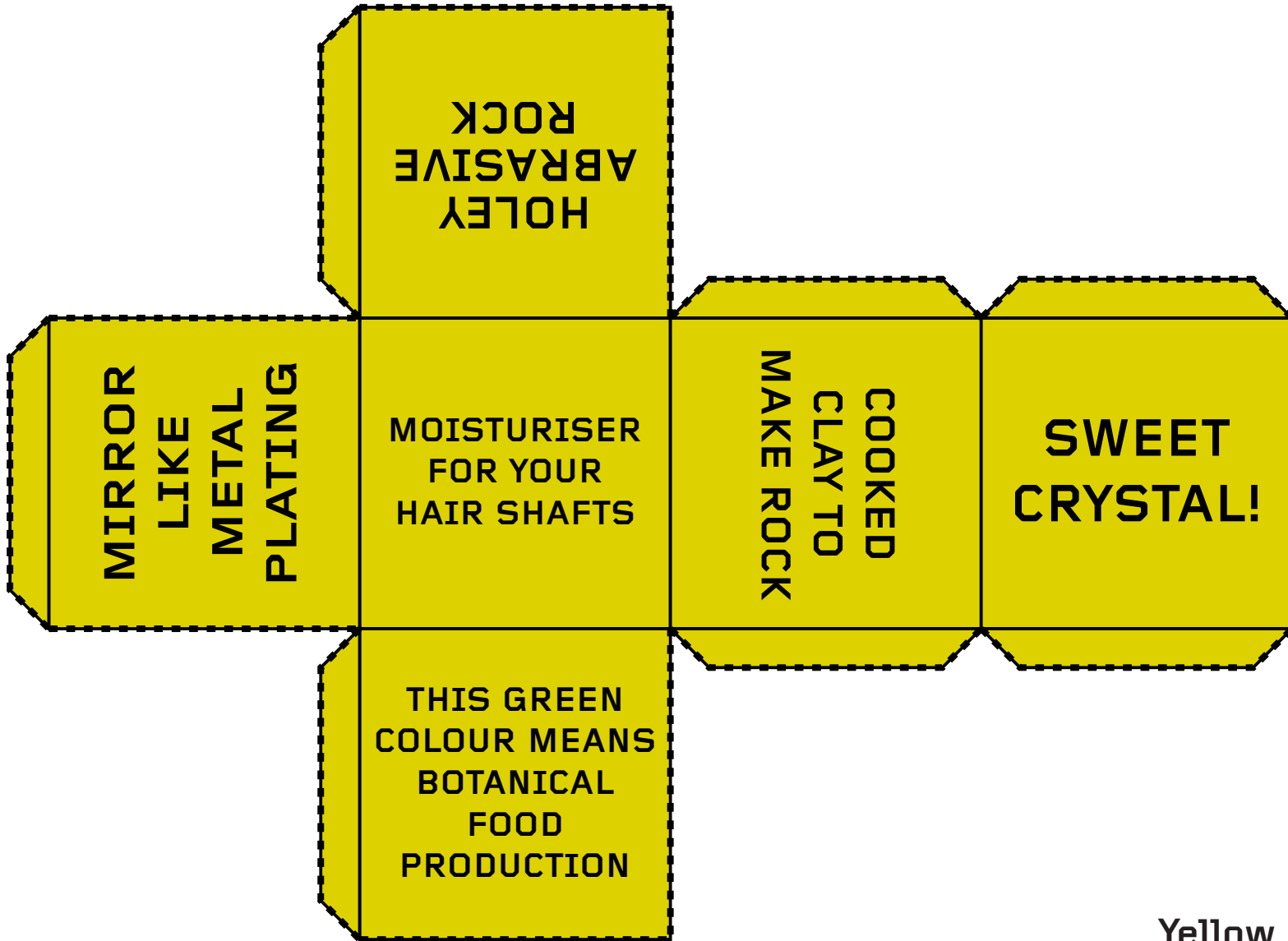
Blue Hard



Red Easy



Red Hard



**HOLEY
ABRASIVE
ROCK**

**MIRROR
LIKE
METAL
PLATING**

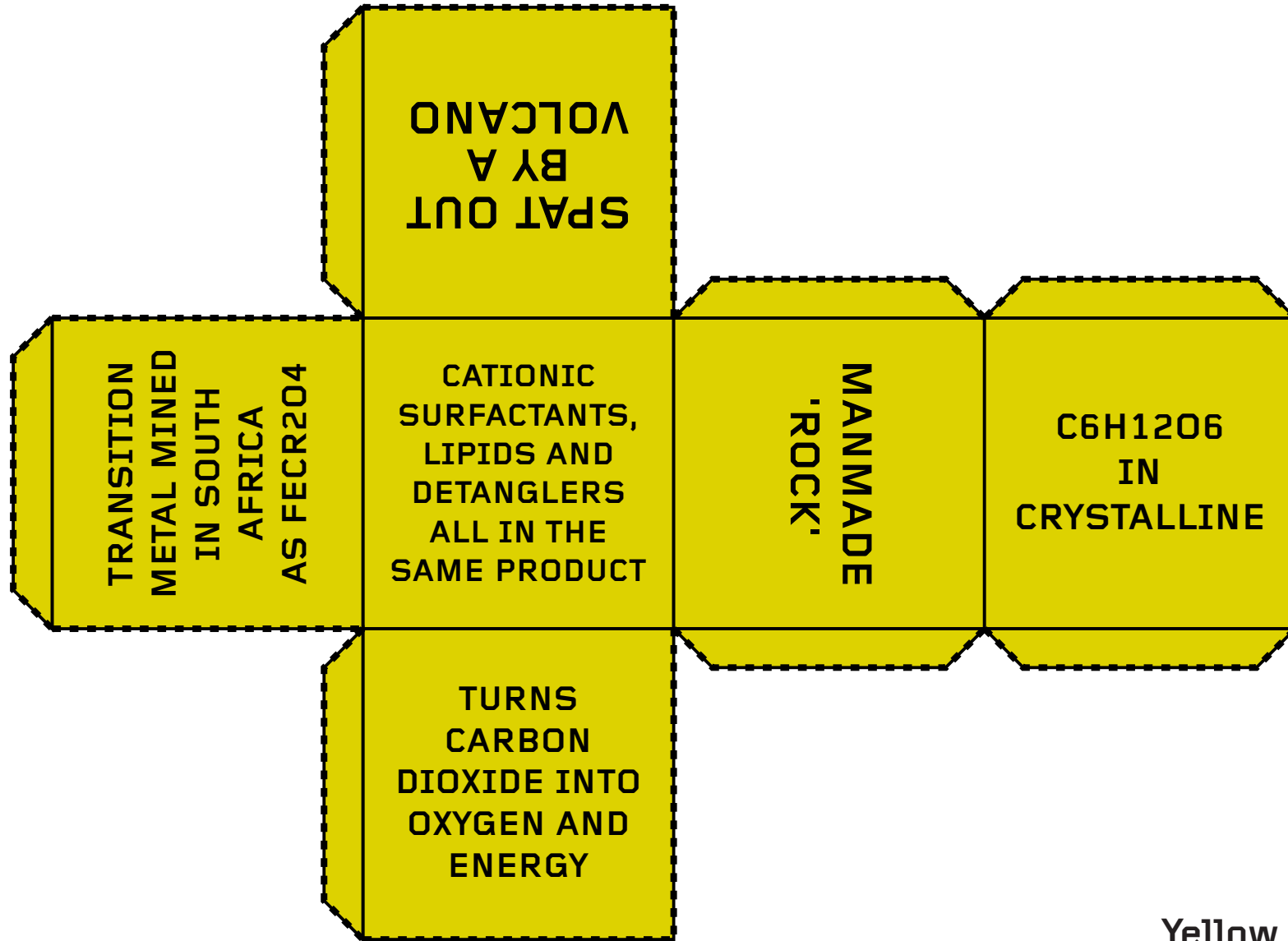
**MOISTURISER
FOR YOUR
HAIR SHAFTS**

**COOKED
CLAY TO
MAKE ROCK**

**SWEET
CRYSTAL!**

**THIS GREEN
COLOUR MEANS
BOTANICAL
FOOD
PRODUCTION**

Yellow Easy



Yellow Hard