

# KNOWLEDGE ORGANISER

## PHOTOGRAPHY TERM 1

### WORKING A DSLR CAMERA



ASSESSMENT OBJECTIVES COVERED:

AO1: Research and Respond to Photographers

AO2: Experiment with a range of media

AO3: Annotate own work and work of artists

#### Which bit is which?



#### REMEMBER:

1. Turn it on.
2. Choose the mode.
3. Press the shutter ½ way to focus.
4. Compose the image.
5. Shoot lots of photos from different angles.
6. Review and shoot more.

#### Which mode shall I use?

##### GUIDE Mode

Take and view pictures and adjust settings with the help of an on-screen guide.

##### P, S, A, and M Modes

Select these modes for full control over camera settings.

- P—Programmed auto
- S—Shutter-priority auto
- A—Aperture-priority auto
- M—Manual

##### Auto Modes

Select these modes for simple, point-and-shoot photography.

- Auto
- Auto (flash off)

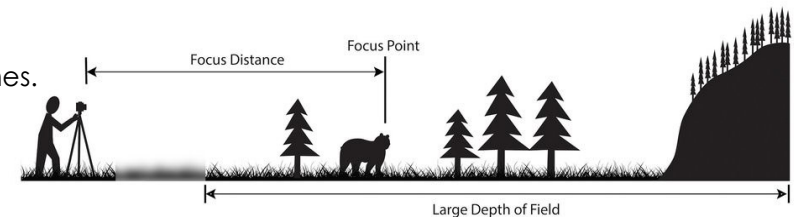
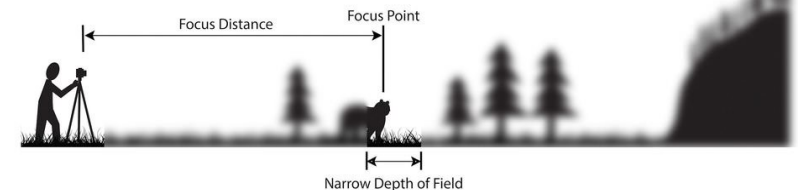
##### Scene Modes

The camera automatically optimizes settings to suit the scene selected with the mode dial. Match your selection to the scene being photographed.

- Portrait
- Landscape
- Child
- Sports
- Close up
- Night portrait



#### What is Depth of Field?



#### TEACHER TIPS:

Don't delete photos until on the computer.

The more you shoot, The better the outcomes.

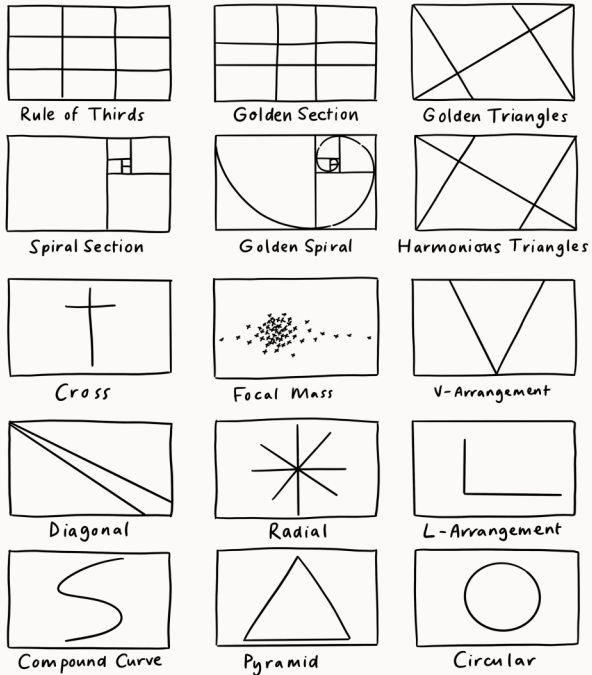
FOCUS ON FOCUS!!

# FOCUS ON: PHOTOGRAPHY TECHNIQUES

HOW DO I CREATE A SUCCESSFUL COMPOSITION?



## A BEGINNERS GUIDE TO COMPOSITION



HOW DO I USE DIFFERENT LIGHTING EFFECTS EFFECTIVELY?

### Experiment with a single light source

Using an angle-poise lamp (or other single light source) enables you to create a range of different effects. As you can see from the images here, changing the position of the light alters the effect, and some positions are clearly more flattering than others.

To soften the harshness of a single light, try using a reflector on the opposite side to 'bounce' light back onto your subject.



HOW DO I USE MANUAL MODE SUCCESSFULLY?

## MANUAL MODE

### 1. SET ISO

100 Sunny  
400 Cloudy  
800 Dark  
3200 Night

### 2. SET APERTURE

1.2-3.5 Bokeh/Blur  
3.5-8 Slight Blur  
8-22 Wide DOF

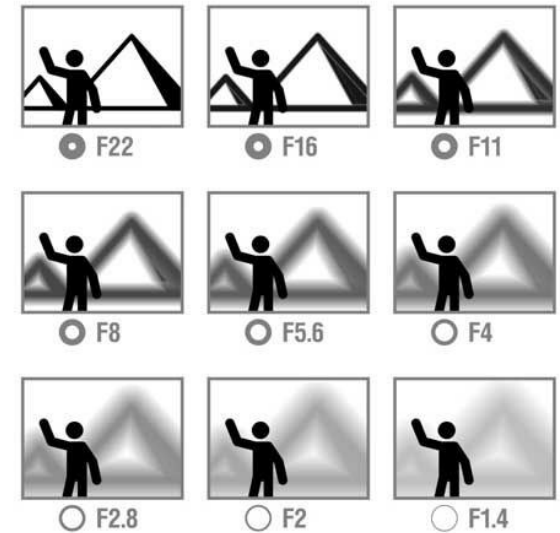
### 2. SET SHUTTER SPEED

1/2-1/8 Blur Motion  
1/125 Portraits  
1/250 Freeze Motion  
1/500+ Sports and Extreme Motion

### TIPS

- \* Practice Makes Perfect
- \* Shoot on RAW
- \* Experiment
- \* Check Histogram
- \* Watch Your Focus on Low Apertures

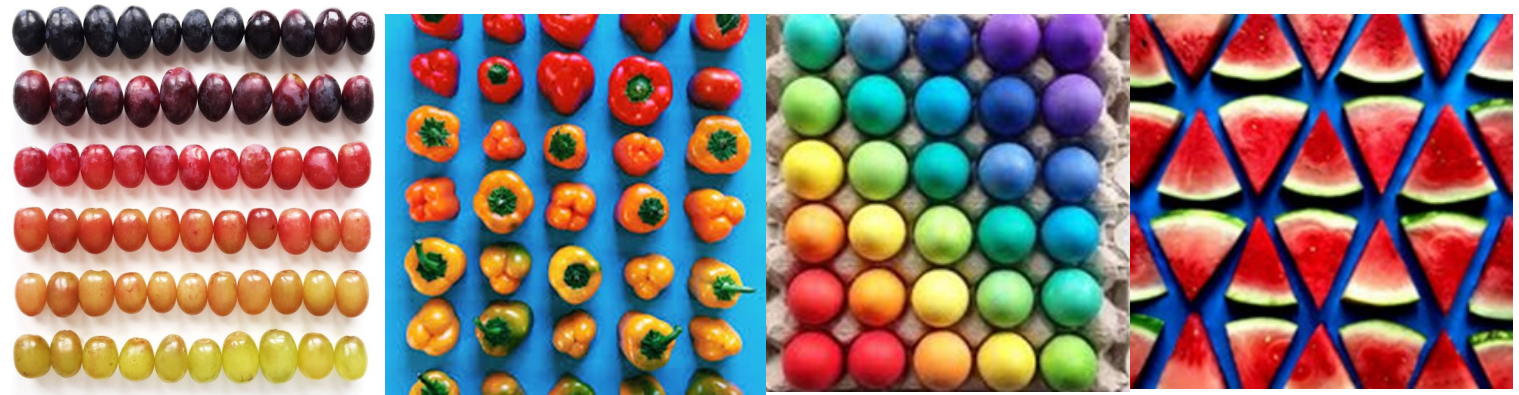
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## FOCUS ON: MACRO PHOTOGRAPHY OF OBJECTS



Tracey Williams  
(plastic toys)  
*Versus*  
Brittany Wright  
(food)



## FOCUS ON: RESPONDING TO PAINTER SARAH GRAHAM



How to new take  
photos in the style of  
Sarah Graham using  
macro photography  
techniques?



**FOCUS ON: PHOTOGRAPHER DAVID GILLIVER** He creates macro small world photo's using miniature people in his studio. He creates scenes using props that he makes himself to depict funny, poignant or political points.



**FOCUS ON: PHOTOGRAPHER SLINKACHU** This artist creates photos where miniature people are interacting with real world items. He also uses macro photography techniques but focuses his work on outdoor street scenes,



**Tier 2 WORDS FOR ANALYSIS:**

Analysis, Angle, Border, Bleaching, Brief, Collage, Complementary colours, Composition, Contrast, Crop  
Cross-hatching, Digital, DSLR, Edit, Enlarged, Focus, Font, Form, Layer, Lens, Lighting, Light sensitive, Line, Media, Medium, Mixed media, Movement, Pattern, PhotoShop, Portfolio, Project, Response, Task, Primary colours, Secondary colours, Shape, Tone, Typography, Viewpoint, Zoom

**Tier 3 WORDS FOR ANALYSIS:**

Abstract, Ambience, Aperture, Asymmetrical, Bitmap, Context, Cynotype, Depth of field, Erase tool, Expressive, Focal point, Function, JPEG, Lasso tool, Macro, Maquette, Monochrome, Montage, Narrative, Negative space, Perspective, Realism, Resolution, Saturation, Shutter speed.