

# 2021 February Half Term Camp

Parents Guide & Answer Booklet



# Welcome to the RocketLearn Feb Half term Camp

Welcome to our February Half-term booklet!

This booklet gives you the answers to the questions posed in the student workbooks together with some tips on how we teach certain topics which we hope you will find useful.

Each day your child will have an online lesson in Maths and English – maths lessons will go live at 9:30am, 10am and 10:30am for years 3-4, 5-6 and 7-8 respectively (if they miss it, the lessons will remain available – we find children prefer to have a set time though). The English session is daily at 11am and we will be focussing on mindfulness, whilst asking the children to undertake some research and reflect on their thoughts as the week progresses. We have chosen this topic given the current climate and we hope your children will both enjoy and benefit from it.

Each afternoon at 2pm there will be “Afternoon Antics” with our co-founder Mr Garner. Mr Garner will be posing questions to make children think, together with some optional tasks and opportunities to win prizes. On Wednesday we will be joined by a guest Magician, who will talk the children through some magic tricks.

We have provided each child with a workbook – we ask that you mark the maths using this booklet. There is also daily online Kahoot! quizzes and an end of week online test – any children who complete it will receive a certificate for their efforts – we believe rewarding and recognising children's achievements is key to helping them engage and learn.

We very much hope your child enjoys this RocketLearn Camp. Our holiday camps are one part of our successful RocketLearn Programme. Using highly experienced professional teachers together with leading AI ed-tech learning platforms, our programme helps individual children make rapid progress, and gives parents confidence and oversight as to how their child is doing. Our prices start at only £10/week – do have a look on our website if you think this is something which may be of interest to your family. The individual approach means that RocketLearn works for all – children who need stretching or those who need a little extra support.

We hope you enjoy the camp and half-term.

**The RocketLearn Team.**

# Answers

## Bronze - Mathematics

### Day 1 - Half, Three Quarter and Whole Turns

Answers

(1) 0930 (2) 0330 (3) 1230 (4) 0630 (5) 0915 (6) 0315 (7) 1215 (8) 0615 (9) 1/2

(10) 1/4 (11) 1/2 (12) 1/4

(13) W (14) E (15) S (16) S (17) E (18) W (19) N (20) N

(21) 0300 (22) 0400 (23) 0500 (24) 0500 (25) 0315 (26) 0320 (27) 0325 (28) 0335

Do allow times given in both 12/ 24 hour clock versions

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Notes for parents:

Don't worry if your child doesn't finish all of the questions - please ask your child to stop after 30 minutes. We've got a whole week to revisit concepts and we want to keep your child nice and enthusiastic!

# Answers

## Bronze - Mathematics

### Day 2 - Comparing Angles

Answers

(1) Greater (2) Right Angle (3) Less (4) Right Angle

(5) a- Greater b- Right Angle c- Greater d- Less

(6) e- Greater f- Less g- Less h- Greater

(7) i- Right Angle j- Greater. k- Less. l- Greater

(8) a- Greater b- Greater c- Greater d- less e- Greater f- Less g- Right Angle  
h- Right Angle i- Greater j- Greater k - Less l- Less

Notes for parents:

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### Day 3 - Measuring Angles

Answers

(1) Obtuse (2) Right Angle (3) Acute (4) Right Angle (5) Obtuse

(6) Obtuse. (7) Acute (8) Right Angle

(9) a- Acute b- Acute c- Acute

(10) d- Obtuse e- Obtuse f- Acute g- Acute

(11) h- Right Angle i- Right Angle j- Obtuse. k- Acute

(12) l- Obtuse m- Acute n- Obtuse o- Acute

# Answers

## Bronze - Mathematics

### Day 4 -

Answers:

In the zone: The horizontal lines should be a uniform colour that is different the vertical lines.

Genius level: The horizontal, vertical and diagonal lines should be in uniform, but separate colours e.g., horizontal = red; vertical = blue; diagonal = green

### Day 5 - Round up and quiz

After today's lesson, there is an online quiz. There is a clickable link on the webpage.

This is a multiple choice quiz to help the children review what they have learned (RocketLearn members - your academic coach will go through any gaps with you). It is based upon all the work that we have completed in the booklet this week. The children will immediately see how they have scored and they can re-take it if they wish. Scores of 10+ will result in an electronic certificate being sent to you.

# Answers

## Silver - Mathematics

### Day 1 - Two Dimensional Shapes

Answers:

Getting Started:

(1) A- 3 Triangle B- 4 Square or Quadrilateral C- 7 Heptagon D- 4 Rectangle or Quadrilateral E- 3 Triangle F- 5 Pentagon G- 4 Quadrilateral H- 8 Octagon

In the Zone:

(3) D. (4) B. (5) A (6) B

(7) B. D. G. (8) C. F. G. (9) A. F. G. (10) A. C. E. (11) B. D. F. G

# Answers

## Silver - Mathematics

### Day 2 - TRIANGLES

Getting Started:

Equilateral. Isoceles. Right Angled. Isoceles Scalene

Right Angled. Scalene. Equilateral. Right Angled. Isoceles

In the Zone and Genius Level:

Students' own responses

### Day 3 - Quadrilaterals

Answers

Getting up and running:

(1) A- Kite B- Quadrilateral C- Rectangle D- Parallelogram

E- Square F Trapezium. G. Rhombus

in the zone now:

(2) Rhombus. (3) Trapezium. (4) Trapezium and Parallelogram

Genius level:

(5) Parallelogram [Quadrilateral] (6) Rhombus & Parallelogram

(7) Kite. (8) Rectangle, Square, Rhombus & Parallelogram

(9) Rectangle, Kite, Parallelogram

### Day 4 - Line Symmetry

Getting up and running: R. P. F. Z

C T H W Y E M

In the zone: R P F

Genius level: Lines of symmetry - C (horizontal), T (vertical), H (vertical), W (vertical), Y (vertical), E (horizontal), M (vertical), Z (horizontal)

# Answers

## **Silver - Mathematics**

### Day 5 - Round up and quiz

After today's lesson, there is an online quiz. Your child needs to click the button on the webpage.

This is a multiple choice quiz to help the children review what they have learned (RocketLearn members - your academic coach will go through any gaps with you). The children will immediately see how they have scored and they can re-take it if they wish. Scores of 10+ will result in an electronic certificate being sent to you.



# Answers

## Gold - Mathematics

### Day 1 - Building 3D Shapes

Answers. Students' own responses

# Answers

## Gold - Mathematics

### Day 2 - CIRCLES

Answers

Students' own responses

### Day 3 - Co-ordinates

Answers

Getting Started: (1) H. (2) V. (3) H. (4) J. (5) Z. (6) No letter

(7) 3,3 (8) 2,0 (9) 4,1 (10) 1,0. (11) 5,3. (12) 4,0

(13) & (14) Students' own responses

in the zone now: (15). L is 5, -1 ; O is 4,5; N is -4,6; D is -4,3; O is 4,5; N is -4,6

(16) C is -3,-3; A is 3,-4; R is -6, 4; D is -4, 3 I is -4, -5; F is -6, 1; F is -6, 1

(17) G is 2,4; L is 5, -1; A is 3, -4; S is 5,1; G is 2,4; O is 4,5; W is 3,6

(18) P is 5,-5; A is 3, -4; R is -6,4; I is -4,-5; S is 5,1

(19) B is 4,3; E is 6, -3; R is -6,4; L is 5, -1; I is -4,-5; N is -4, 6

(20) O is 4,5; S is 5,1; L is 5,-1; O is 4,5

Genius level: Students' own responses

### Day 4 - TRANSLATIONS

Getting started...

1. On the grid opposite, translate the triangle three times.  
 (a) U2 (up 2)  
 (b) L5 (left 5)  
 (c) D3 (down 3)

2. On the grid opposite, translate the hexagon three times.  
 (a) R3 (right 3)  
 (b) U4 (up 4)  
 (c) L2 (left 2)

Mathematics - Day 4. Translations

In the zone...

3. Give the new position of the triangle after a translation of:  
 (a) L3 D4: (1,1) (3,1) (3,2)  
 (b) R2 D2: (6,3) (8,3) (8,4)  
 Give the new position of the trapezium after a translation of:  
 (c) L2 D3: (2,0) (3,0) (1,2) (1,1)

Genius level...

4. Plot these points and join the up in the given order:  
 (2,2) (3,4) (5,5) (4,3)

# Answers

## Gold - Mathematics

### Day 5 - Round up and quiz

After today's lesson, there is an online quiz. Your child can undertake by clicking the link on the web page.

This is a multiple choice quiz to help the children review what they have learned (RocketLearn members - your academic coach will go through any gaps with you). The children will immediately see how they have scored and they can re-take it if they wish. Scores of 10+ will result in an electronic certificate being sent to you.

# Guidance

## English

The focus for the English is wellbeing and meditation. If you have the time do try and listen in to one of the broadcasts - we have tried to make them fun and informative.

We are also asking the children to undertake research from web-links on the online English Page and to record their thoughts in the booklet.

## Maths

The maths this week will be focussing on geometry. We have got three levels: Bronze, Silver and Gold. Bronze is for children in years 3/4, Silver years 5/6 and Gold 7/8. If your child is finding their level easy or difficult please do ask them to try a higher or lower level. On our RocketLearn programme we use Artificial Intelligence and teacher input to pitch the level exactly right. On our camps we have split it into three levels -so please do choose the one which works best for your child.

## Afternoon Antics

The "afternoon antics" have been designed to engage, and inspire children. We will be looking in detail at the everyday paper clip. Looking at this from all different perspectives will hopefully open your child's eyes to new ways of thinking. We will also be joined by a guest speaker - a magician - on Wednesday who will talk the children through some magic tricks. We believe afternoon antics to be an important part of our camp - allowing children to do something different to what is on offer at school.

## **Thank you from the founders**

We hope your child(ren) enjoyed the Camp and it has given you a little insight into us. As former Heads we are passionate about using the best of educational technology together with teacher expertise to give children a personalised learning journey.

On RocketLearn there is no need for booklets or scheduled lessons – all work is done via the latest electronic learning platforms, using Artificial Intelligence (AI) so that children have questions that adapt to their pace of learning.

We believe every child is different and learns differently. We also know how important it is that parents are involved in their child's learning journey. An important aspect of our programme is the monthly feedback in the form of a report enabling you to see how your child has progressed and to enable targeted intervention where needed. For example it might be that a child is outstanding at mathematics yet struggles with a certain topic; with our platforms, we can immediately identify difficulties and remedy these through specific learning.

In short, RocketLearn combines the best of technology with years of teaching experience to offer a cost-effective and efficient way to improve academic performance – irrespective of your child's present academic ability.

We currently have pupils who are working way beyond the expectations for their year group together with those who have fallen behind. Spending an hour a week on our programme leads to significant improvement for children. We are proud of RocketLearn and believe there to be nothing else like it on the market – having launched in September 2020 we have been overwhelmed with the positive feedback we have received from our small, but growing, community.

If you would like to learn more please do give us a call, visit our website or email us at [info@rocketlearn.co.uk](mailto:info@rocketlearn.co.uk). Our programme starts from only £10/week and you can cancel at any time.

With best wishes

Philip Garner & David Winfield  
Founders, RocketLearn