MIGHTY
Educational Consultants

## www.mightyminds.c¢

## esson - Synthesising tion from Texts

## Literacy

Yr 7

- To PC or not to PC
- Smart Kid Smartphone
- Smartphone's Granddad


## G 5 <br> To PC or Not to PC?

What are the best tools that help students to learn? Schools a more computers to their classrooms. Many schools are begi device policies, where each student would have a designat one device policies can be expensive and difficult to crea

This informational flyer lists some of the pros and co


## $\because$ C To PC or Not to PC?

Use information from the flyer to respond to the following st support for one-to-one device policies. Use your 'own wo'

Our school always buys the best textbooks we can find.

There is more information on the Internet than

Use information from ${ }^{\dagger}$ you do not support

Buying every single sty
nould learn from computers too.

Cl To PC or Not to PC?

Q3 Use information from the flyer and your responses to write

Dear School Board Committee,

## Search

## To PC or Not to PC?

Use information from the flyer and your responses to write ? opposing a one-to-one policy.

Dear School Board Committee,

## Smart Kid Smartphon

Knowing information about subjects is only one part of being important to understand how to use knowledge. You have to you know and apply them in useful ways in different situat

Mr. Wilson had been a teacher for 36 years and interesting. For decades, students classes, paid attention, learned a lot grades. But for the past couple of yea having more trouble with student attention in class. Every other da student's phone away. Sometim the Internet with their smartph texting each other and sop games. But they weren't pa starting to do poorly in $\downarrow$ more and more frustrate students back on track
Read this story about Mr. Wilson and his students. U, understand what some of Mr. Wilson's problems in

## Smart Kid Smartphon

$!$
Read this story about Mr. Wilson and the problems

arting to have new and different problems after so formation from the stories with your prior knowledge .nd completely.

Mr. Wilson saw this flyer for a workshop on how to use phor the next page for questions regarding his response to the

## Don't Take Your Stı

with a

Every smartphone is a powerful cr
Put them t
phone has a compute

The Smart Kid Smartp ols!

Pretend that you are Mr. Wilson. Compose a short email to explain how the Smart Kid Smartphone Workshop might b class and how it has given you new ideas about how to

## Smartphone's Grandda

Studying the past can help you predict the future. There a lot 9 many events and trends reoccur in cycles. Events taking pla help you understand what things were like in times gone by

By today's standards, the telegraph was a very crude and primitive form of communication. It sent messages over distances as a series of dots and dashes audible beeps. A telegraph operator wf have to translate a message from words code that he could transmit ov telegraph. Then the operator rece telegraph message would have to message, turning the dots, dashe back into words. The telegraph miles and miles of wire. different locations could not telegraph unless those connected by telegraph

Read the passage below about the telegraph and cor before the invention of this early device.

Describe how pf invented. Also may have m
distance before the telegraph was ommunication, but at the same time, complicated.

## Es Smartphone's Grandda

Read the passage about the early telephone and consider telegraph and how it has improved even further to becom
er the telegraph and explain

## Smartphone's Grandd?

Read this passage about the first cell phone and consider h tiny, super-powerful smartphones that we use today to be

All phones owe their existence to the telegraph. But tb more direct descendents of the first handheld cell ph Compared to modern smartphones, the first mobile c smart. All it could do was make calls. Now mobile $p^{\prime}$ many different ways that many people don't even

Explain one way the first cell phone impro and explain two ways that modern smar
ephone ell phone.


## Mighty Minds Lesson Ins <br> 'Fundamentals' Less

Firstly, thank you for your support of Mighty Minds and our reso quality resources that are both educational and engaging, and works.

To assist you in using this resource, we have compiled $s$

## About this resource

This Mighty Minds 'Fundamentals’ Lesson focus presents this skill through a theme from the Au This lesson is also targeted at a certain skill that is suited to them.

How to use this resource
Our ‘Fundamentals’ Lessons are s resources.

The student workbook contair

- The main title page; and
- The blank student Actiy

The teacher resources

- This set of instruc
- The Teacher's

De needed to teach the lesson;

- The Item Des ideas;
- The studer answers
- The ter or an
re lesson and its aims, as well as extension
ponses on the student Activitys to ensure that
- Fin
roook (the first set of pages) for the students. If students you may also like to provide them with the student answer
that if you email us with suggested changes to any lesson, we will send you the revised lesson - free of charge.


# Synthesising Informat Whole Tex ${ }^{+}$ 

Synthesising a text requires reading the given text closel its meaning. Generally, texts requiring synthesis contai condensed or extracted so it can be used in a more $n$ in which a text can be synthesised.

Often when researching, students will come large amount of information, when all they re information to be worthwhile, they must be looking for, and then use that information

For example, Sally is writing an es Ancient Egypt. She has found ab all of the information in the bool is only looking for information own notes. This information
female pharaohs of nowever, she cannot use all the time knowing that she any useful information in her sources.

How students synthe ormation needed and the reason they are searching for ty variety of means ways this skill ${ }^{6}$ basics of synt information task they
ollect information for one piece of assessment or a ent sources of information. It is important for students to mation they use from a source - whether it be one word or reference their sources. This is a crucial part of using sources students grasp it early, they will find the rest of their schooling asier. There are many different ways to reference, many of which and students alike to use when taking information from sources. ard Referencing System and the Chicago Referencing System.


## ‘To PC or Not to PC', 'Smart 'Smartphone's

- Activity Description:
- These activities are designed to enha do more than just recall information write letters, compose emails and
- The first activity, 'To PC or No' perceived pros and cons of $b$ must use information from negative for introducing? board written from botb
- In the second activity a teacher. They hay combine this infor teachers can ep
ents need to They have to hultiple texts. ort list of some eir school. Students affirmative and the etters to their school themselves in the shoes of e teacher's situation and a fictional workshop on how ey have to compose a mock email explaini efit from the workshop.
- The third ac es some history of major telecomm with info telecor
bring their own knowledge together heir own conclusions about how
from multiple texts and reproduce key information

This Item Description is continued on the next page...

MIGHTY MINDS
Educational Consultants


## FOR Tr

Item Description - continued
...This Item Description is continued from the previous page.

## ‘To PC or Not to PC', 'Smart 'Smartphone's

- Suggested Time Allocation:
- This lesson is designed to take appro activity.
- Teaching Notes:
- In this lesson, students are ey ventions for these types of correspondences s'
- A discussion about how di prepare students for sor
nproved may help to to be about advancem
- One modification to have to combine in This might have ${ }^{\dagger}$ recalling inform
 does not necessarily have
- One modifica activity 'PC board tha' Smartpt studer exp? Te
ons so that students don't er the questions successfully. activities from synthesizing to rcation for some students. scope of each lesson. For the etters from the point of view of a school a school board that rejects it. Smart Kid electronic devices that might distract al tools. Smartphone's Granddad could be show more incremental advancements. Internet could easily be included.
ave to empathise with a teacher. It may help to y may have seen or even used phones in class ays that phones could become productive tools in the
ave coped in a world where the most advanced form of graph.
ctions about the next possible advancements in nology.

Our school always buys the best textbooks we can find.
It takes a long time to print textbooks, so information car
textbooks. Curriculum information in an electronic for

There is more information on the Internet than

## Q2 <br> Use information from ${ }^{\dagger}$ you do not support

.ements in ways that show wn words'.

## Buying every single sty

Buying a compute
6 do.

schools have many resources they
, a large amount of money on individual cunds.
nould learn from computers too.
frained teachers. They're machines that can
rofessionals who are able to help students identify To PC or Not to PC?

Q3 Use information from the flyer and your responses to write board to adopt a one-to-one device policy.

Dear School Board Committee,
I know that you want to help all of our students be the bes
of the best ways you can help students reach their truf to-one device policy.

Computers can provide teachers and stude
updates available. They also give the te
an important tool for information gatb
and the importance of computers
herefore, we should use
them as much as possible in $\dagger$
or our future beyond school.

Only having a few com
be able to have access to a computer students access to
ect and of the highest possible standard.

## whenever they

adopting a one-to-one device policy.

## Search

## To PC or Not to PC?

Q4
Use information from the flyer and your responses to write opposing a one-to-one policy.

Dear School Board Committee,
I know a lot of people would like our school to adopt a one not. I believe our school already has enough computer provide every student with their own device. I defini disadvantaged by not having a one-to-one polic
lent with a device is too great and that this money sho the school, such as the Arts or Sports programs. The teachers or employ more staff to teach the teache al to consider.

Secondly, it doesn't seem as th much by using the internet $\underline{\text { accurate or appropriate }}$ able to replace teac subjects they teach and in the way ortant in schools, but I think you would be better off for each s areas rather than just investing in a device

## To PC or Not to PC

## Question One:

Students were required to respond to statements in the affirm adopt one-to-one device policies. They gleaned information topic from a flyer given on the first page. Students' respon consideration to make whilst considering these answers from the flyer and whether each response is appropria should have also attempted to use their 'own words' answers from the text provided. A model response

## Model Response:

It takes a long time to print textbooks, textbooks. Curriculum information in

There is a massive amount of infy Teachers are trained to know th that teachers were using the $\quad$,

## Question Two:

For this question, students w policy. Students' responser used information from the
adopting a one-to-one device n above, students should have response is provided below.

##  <br> \section*{...This teacher's answer guide is continued from the previous page}

## Question Three:

For this question, students were required to write a letter to their a one-to-one device policy. As it was specified that the respon been written as an essay or generic question response. Alth incorporated the information from the flyer, they could have their argument. A model response is provided below.

Model Response:
I know that you want to help all of our stude of the best ways you can help students re one-to-one device policy.

Computers can provide teachers an subject updates available. They al Internet, which is an important to computers all the time at home increase. Therefore, we shol are ready for our future bey

Only having a few comr not enough, as it might restrict students access to thr computer whenever possible standard device policy.

Sincerely, Student

Similar to the ador solely fluer
red to write a letter to their school board opposing h, students' responses should have been based sonal elaboration points could have been added to aid


## TEACRIERS ANSWE

...This teacher's answer guide is continued from the previous page

## Question Four (cont'd):

Secondly, it doesn't seem as though anyone can say the much by using the internet all the time for research as always accurate or appropriate. Computers can cert never be able to replace teachers, who are highly $\dagger$ in the way students learn. I think computers are r think you would be better off spreading funds a investing in a device for each student.

Sincerely, Student

## Smart Kid Smartphon

Knowing information about subjects is only one part of being important to understand how to use knowledge. You have to you know and apply them in useful ways in different situat;

Read this story about Mr. Wilson and his students. U understand what some of Mr. Wilson's problems in

Mr. Wilson had been a teacher for 36 years and interesting. For decades, students classes, paid attention, learned a lot grades. But for the past couple of yea having more trouble with student attention in class. Every other da student's phone away. Sometim the Internet with their smartph texting each other and sor games. But they weren't pa starting to do poorly in $b$ more and more frustrate students back on track

## Smart Kid Smartphon

Pretend that you are Mr. Wilson. Compose a short email to explain how the Smart Kid Smartphone Workshop might b class and how it has given you new ideas about how to

To: sksp@bestschool.com.au
My name is Mr. Wilson and I am emailing about your
Workshop, which I am very interested in attendind

I have been teaching for 36 years and I thi
very good
teacher. But for the last few years, l've
phones in class. I'm really interester
distracting. At first I wanted to j
but your flyer gave me ideas
ents using their
g and less
broblem,
use and help me as a
teacher. I really want my
h interested in knowing
how to use phones to
work, and take assessments.

## Smart Kid Smartphone

## Question One:

The key to this answer is finding the specific problems that M problems arise from cell phone uses, but students should hz they are using the cell phones that cause problems. A mo

## Model Response:

Mr. Wilson has quite a few problems with s surfing the Internet instead of paying atte even playing games on their phones w ${ }^{\dagger}$

## Question Two:

This is where the students should have now they should have answered with The correct response is provided bs

Correct Response:
The main cause of t phones to class.

## Question

This is where stur know exactly w' 36 years ago correct ansy because s model re
rior knowledge. Students aren't expected to ame popular, but students should know that did not have phones or bring them to class. A ar. Wilson is just seeing these problems now ghout most of Mr. Wilson's teaching career. A

## TEACHERDS ANSWI

...This teaching guide is continued from the previous page.

## Question Four:

To create the best answer to this question, students would hay The flyer briefly describes some of the problems that Mr. Wil ways to improve students' behaviour in class that Mr. Wils this question therefore, would have included some recall predicting what Mr. Wilson might find valuable or impor

## Model Response:

My name is Mr. Wilson and I am emailin
rkshop, which I am very interested in attending.

I have been teaching for 36 years good teacher. But for the last fey
ome a very s with students using engaging and less problem, but your flyer distracting. At first I wanted tc gave me ideas on how to a want my kids to stop texti get them to participate ins.

I would really appre ation so I can sign up for the workshop and my classroom right away!

Thanks, Mr. Wilson

## Smartphone's Granddz

Studying the past can help you predict the future. There a lot 9 many events and trends reoccur in cycles. Events taking pla help you understand what things were like in times gone by

Read the passage below about the telegraph and cop before the invention of this early device.

By today's standards, the telegraph was a very crude and primitive form of communication. It sent messages over distances as a series of dots and dashes audible beeps. A telegraph operator wo have to translate a message from words code that he could transmit ov telegraph. Then the operator rece telegraph message would have to message, turning the dots, dashe back into words. The telegraph miles and miles of wire. different locations could no telegraph unless those connected by telegraph

Describe how pf distance before the telegraph was ommunication, but at the same time, complicated.

## Before people

ross a distance, they must have had to find ways to place. They must have relied on things lif
uld actually deliver written messages. There nake communicating more complicated though. etters in the mail, it was doubtful that they would write by the receiver. But the telegraph only sent dots, dashes,

## E Smartphone's Grandda

Read the passage about the early telephone and consider telegraph and how it has improved even further to becom

Explain what made one major limitatic
er the telegraph and explain
distance without actually sending
The telegraph allow
anyone to delive
ephone actually transmitted a person's voice,
nd over the telegraph, or change the codes
rephones is that they still needed to send those

## 5

## Smartphone's Grandda

Read this passage about the first cell phone and consider $h$ tiny, super-powerful smartphones that we use today to be

All phones owe their existence to the telegraph. But th more direct descendents of the first handheld cell ph Compared to modern smartphones, the first mobile smart. All it could do was make calls. Now mobile p many different ways that many people don't even

Explain one way the first cell phone impro ephone and explain two ways that modern smar
ell phone.
sirst phone
was its ability to send a person's voice
be connected by a network of wires,
because they are much smaller ${ }^{\prime}$
n that smartphones have that the early cell phone

Ir users communicate in more ways than just a voi
artphones today that is similar to the way that people

## Smartphone's Granddad

## Question One:

Students should all know how 'snail mail' works and that pe person before the telegraph. But students should also hav the telegraph eliminated the need for people to travel lor did make it necessary for a telegraph operator to be ab and to be able to decode messages received.

## Model Response:

Before people had the telegraph to se ust have had to find ways to send physical mess? things like old fashioned mail, whe was one way that the telegraph When people sent written mes in a code that needed to be dashes, and beeps, so sor

## Question Two:

Students should have pick telegraph that was no ne transmitted a person's have considered the connected by telep

This answer guide is continued on the next page...

## TEACHERDS ANSWE

...This teaching guide is continued from the previous page.

## Question Three:

Students needed to take information from multiple passages ar describe an improvement from the telephone to the cell phon smartphone. A model response is provided below.

Model Response:
One way that the first cell phone was an imp was its ability to send a person's voice wir be connected by a network of wires. Sm because they are much smaller than th have that the early cell phones did $n$ more ways than just a voice call, s

## Question Four:

The simplest answer to this questi but students may have had to co to realize that actually was the
rence of the final passage, w people use smartphones ded below.

Model Response:

Smartphones ${ }^{\prime}$ are similar in calls. A lot $c$ text mess transmit
advanced than telegraphs, but they of a smartphone is to make phone ctual phone calls, instead using them for more like a telegraph machine,

## End

If you feel there booklet for you $\dagger$ class, you may workshee

this

ith your ties (whole neets) for entire worksheet Alternat $h$ at a later date.

